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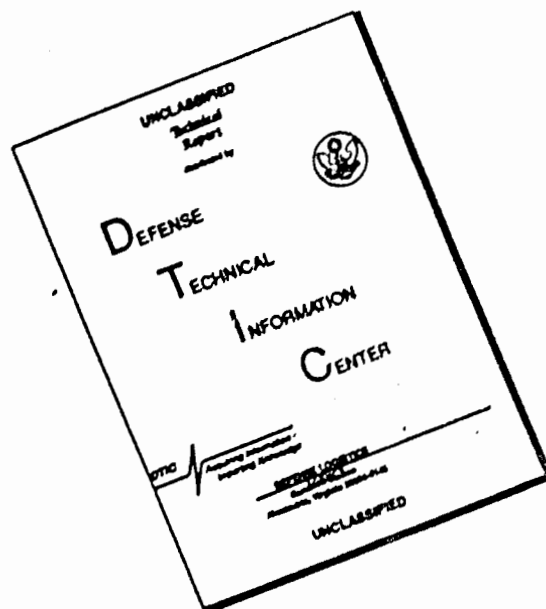
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Special Report

64-5

LIST OF TECHNICAL DOCUMENTS  
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1958 THROUGH 1962

1 June 1963

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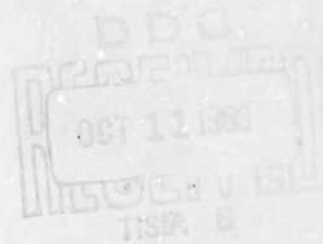
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U S ARMY MISSILE COMMAND  
REDSTONE ARSENAL, ALABAMA

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Special Report

LIST OF TECHNICAL DOCUMENTS

PUBLISHED DURING THE YEARS

1958 THROUGH 1962

Long Range Planning Section  
Supporting Research Branch  
Future Missile Systems Division  
Directorate of Research and Development  
U. S. Army Missile Command  
Redstone Arsenal, Alabama

## FOREWORD

This report constitutes a Bibliography of Technical Documents published from 1958 through 1962 by the present Army Missile Command (AMICOM), which includes the activities of the Army Rocket and Guided Missile Agency (ARGMA) and the Army Ballistic Missile Agency (ABMA). The bibliography was compiled from library records and responses to requests for document listings from the Research and Development organizations of the Command, and makes no pretense of being a complete coverage. Due to proprietary information restrictions, the formation and later consolidation of ABMA and ARGMA, and the formation of NASA's Marshall Space Flight Center, many reports were never entered or recorded in the library. For example, it is known there were approximately 35 reports in the 4RF series which were evaluations of major industrial technical proposals which do not appear in this published listing. Undoubtedly, many reports written by persons who have left the Command were likewise not entered in the library and were not included in the solicited submissions.



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Section I

NUMBERED REPORTS -  
ARMY BALLISTIC MISSILE AGENCY (ABMA)

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
D6-TN-189-58	Feb 58	THE EFFECT OF ROCKET EXHAUST ON ELECTROMAGNETIC WAVES AS A FUNCTION OF ALTITUDE AND FREQUENCY	Pittman, W. (Co-author)
D61-TM-5-58	Jun 58	PRELIMINARY REPORT ON THE RE-ENTRY OF JUPITER MISSILE AM-5 COMPARED TO THE AM-3 WITH REFERENCE TO RADIO FREQUENCY ATTENUATION	Pittman, W. (Co-author)
D-R-40	27 Jan 58	REDSTONE MISSILE SYSTEMS WINTERIZATION PROGRAM	Isbell, B.
D-R-47	3 Feb 58	FIRING TEST REPORT JUPITER A MISSILE CC-37	Duckworth, L.
DA-M-I-58	31 Mar 58	THE INFLUENCE OF FLUID IN THE TANKS ON THE MOMENT OF INERTIA OF JUPITER AM-7 AND AM-8	Bauer, H.
DA-M-2-58	29 Mar 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER AM-4	Fulmer, C. Lindberg, J.
DA-M-4-58	9 Apr 58	TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #1004 IF FIRED UNDER AN AIMING AZIMUTH OF 354.76806°E FROM N	Young, M.
DA-M-5-58	14 Apr 58	PERSHING MISSILE: PERFORMANCE STUDY OF ADVANCED VERSIONS	Schmieder, D.
DA-M-6-58	14 Apr 58	PERSHING MISSILE: CONTROL STUDIES OF ADVANCED CONFIGURATIONS	Neighbors, A. Braud, N. Herring, J.
DA-M-7-58	14 Apr 58	PRELIMINARY TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #48 IF FIRED UNDER AN AIMING AZIMUTH OF 125.07°E FROM N	Young, M.
DA-M-11-58	19 Apr 58	AEROBALLISTICS EVALUATION OF JUPITER C TEST FLIGHT C-26	Speer, F.
DA-M-13-58	23 Apr 58	SECOND REVISED TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1002 IF FIRED UNDER AN AIMING AZIMUTH OF 110.7435°E FROM N	Young, M.
DA-M-14-58	23 Apr 58	INFLUENCE OF ASPECT RATIO AND WALL THICKNESS OF THE NATURAL FREQUENCY OF A CIRCULAR CYLINDRICAL BEAM INCLUDING SECONDARY EFFECTS OF TRANSVERSE SHEAR AND ROTARY INERTIA	Bauer, H. Rheinforth, M.
DA-M-15-58	25 Apr 58	AEROBALLISTICS EVALUATION OF REDSTONE TEST FLIGHT CC-45	Lindberg, J.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-M-18-58	2 May 58	FOURTH REVISED TRAJECTORY DATA FOR TEST FIRING OF MISSILE JUPITER AM-5 IF FIRED UNDER AN AIMING AZIMUTH OF 108°E FROM N	Leonard, E.
DA-M-19-58	9 May 58	TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-6A IF FIRED UNDER AN AIMING AZIMUTH OF 105°E FROM N	Leonard, E.
DA-M-21-58	20 May 58	PRELIMINARY TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #54 IF FIRED UNDER AN AIMING AZIMUTH OF 125.07°E FROM N	Young, M.
DA-M-23-58	26 May 58	AEROBALLISTICS EVALUATION OF REDSTONE TEST FLIGHT CC-41	Fulmer, C.
DA-M-25-58	5 Jun 58	PERSHING MISSILE: "VERSION 4" PRELIMINARY GUIDANCE INVESTIGATION ON SHORT RANGES	Brandon, P. Knothe, A.
DA-M-26-58	5 Jun 58	PERSHING MISSILE: "VERSION 4" PRELIMINARY GUIDANCE INVESTIGATION ON MEDIUM AND LONG RANGES	Linsky, M.
DA-M-28-58	10 Jun 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER CC-42	Lindberg, J.
DA-M-29-58	14 Jun 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER C-24	Speer, F.
DA-M-32-58	29 Jul 58	TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-7 IF FIRED UNDER AN AIMING AZIMUTH OF 105°E FROM N	Leonard, E.
DA-M-36-58	1 Jul 58	PERSHING MISSILE: "VERSION 4" - COMPILATION OF CHARACTERISTIC DIVE PHASE DATA FOR TWO BALLISTIC FACTORS OF THE REENTRY BODY ON VARIOUS RANGES	Linsky, M.
DA-M-38-58	8 Jul 58	PERSHING MISSILE - CONFIGURATION F: EFFECT OF A COASTING PERIOD BETWEEN THE STAGES ON TRAJECTORY SHAPING	Linsky, M. Knothe, A.
DA-M-41-58	10 Jul 58	PERSHING MISSILE PERFORMANCE STUDY OF VERSIONS A-F AND TEST VERSIONS	Schmieder, D.
DA-M-42-58	11 Jul 58	SECOND REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-6A IF FIRED UNDER AN AIMING AZIMUTH OF 105°E FROM N	Leonard, E.
DA-M-43-58	17 Jul 58	REVISED STANDARD TRAJECTORIES FOR THE TACTICAL (Wo B31) REDSTONE (BLOCK II)	Bayless, E.
DA-M-44-58	25 Apr 58	EQUATIONS OF MOTION FOR BALLISTIC MISSILES IN SIX DEGREES OF FREEDOM	Mann, P. Knothe, A.
DA-M-44-58, Appen	15 Nov 58	EQUATIONS DESCRIBING THE INFLUENCE OF THE GYROSCOPIC MOMENT OF THE TURBOPUMP ASSEMBLY ON THE FLIGHT DYNAMICS OF A LIQUID PROPELLANT MISSILE	Mann, P. Knothe, A.
DA-M-46-58	29 Jul 58	PERSHING MISSILE - CONFIGURATION F: SECOND STUDY OF THE EFFECT OF A COASTING PERIOD BETWEEN THE STAGES ON TRAJECTORY SHAPING	Linsky, M. Knothe, A.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-M-48-58	16 Aug 58	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-5	Fulmer, C. Lindberg, J.
DA-M-64-58	26 Sep 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER C-44 & C-47	Speer, F.
DA-M-172	8 Jan 58	JUPITER C NO. 29 ERROR ANALYSIS	Jean, O. Sullivan, E.
DA-M-174	7 Jan 58	FINAL CONTROL FACTORS FOR JUPITER-A, CC-45	Donehoo, L. McKinney, F.
DA-M-175	15 Jan 58	JUPITER C NO. 29 FINAL TRAJECTORY DATA	Miner, W. Jean, O.
DA-M-178	20 Jan 58	PRELIMINARY CONTROL FACTORS FOR REDSTONE, CC-46	Lane, R. Dahlke, W.
DA-M-179	22 Jan 58	REVISED TRAJECTORY DATA FOR TEST FIRING OF MISSILE JUPITER A#46 IF FIRED UNDER AN AIMING AZIMUTH OF 125.07°E FROM N	Young, M.
DA-M-180	23 Jan 58	CONTROL FACTORS FOR FIRST STAGE OF PROPELLED FLIGHT FOR JUPITER C MISSILE RS-29	Donehoo, L.
DA-M-194	31 Jan 58	PRELIMINARY CONTROL FACTORS FOR JUPITER IOC MISSILE	Donehoo, L. McKinney, F.
DA-M-195	10 Feb 58	REVISED TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #CC-43 IF FIRED UNDER AN AIMING AZIMUTH OF 125.07°E FROM N	Young, M.
DA-M-199	13 Feb 58	PRELIMINARY CONTROL FACTORS FOR VHA HARDTACK MISSILE	Donehoo, L. McKinney, F.
DA-M-203	12 Feb 58	CONTROL FACTORS FOR REDSTONE CC-50 (VHA HARDTACK)	Donehoo, L. Dahlke, C.
DA-M-211	30 Jan 58	THE DYNAMIC CHARACTERISTICS OF THE TOPP INDUSTRIES, PROBE TYPE, LOCAL ANGLE OF ATTACK INDICATOR (PART NO. 12792-BN AND 12792-3)	Fikes, J. Baur, J.
DA-M-213	1 Mar 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER C-29	Speer, F.
DA-M-215	6 Mar 58	CONTROL FACTORS FOR REDSTONE CC-51 (VHA HARDTACK)	Lane, R. Dahlke, C.
DA-M-219	13 Mar 58	CONTROL FACTORS FOR REDSTONE MISSILE CC-1002	Donehoo, L. McKinney, F.
DA-M-220	13 Mar 58	JUPITER C NO. 24 FINAL TRAJECTORY DATA	Miner, W. Jean, O.
DA-M-221	20 Mar 58	TILTING PROGRAMS FOR THE TACTICAL REDSTONE MISSILE	Baker, C.
DA-M-232	25 Mar 58	PRELIMINARY CONTROL FACTORS FOR JUPITER MISSILE AM-6A	Lane, R.
DA-M-234	19 Mar 58	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER AM-3A	Fulmer, C. Lindberg, J.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-TM-8-58	15 Apr 58	CONTROL FACTORS IN DIVE FOR REDSTONE MISSILE CC-1004	Donehoo, L. Bacchus, D.
DA-TM-9-58	15 Apr 58	CONTROL FACTORS IN DIVE FOR REDSTONE MISSILE CC-1002	Donehoo, L. Rucker, D.
DA-TM-10-58	15 Apr 58	SHORT STATUS REPORT ON AEROBALLISTICS STUDIES OF THE PERSHING MISSILE	Geissler, E.
DA-TM-16-58	25 Apr 58	REVISED CONTROL FACTORS FOR JUPITER MISSILE AM-5	Donehoo, L. Bacchus, D.
DA-TM-20-58	20 May 58	CONTROL FACTORS IN DIVE PHASE FOR REDSTONE MISSILE CC-48	Jenkins, C. Marlin, J.
DA-TM-22-58	21 May 58	CONTROL FACTORS FOR REDSTONE MISSILE CC-54	Lane, R. Bacchus, D.
DA-TM-24-58	2 Jun 58	MISSILES NUMBERS 44 AND 47 PRELIMINARY TRAJECTORY DATA	Jean, O. Schrader, M.
DA-TM-27-58	5 Jun 58	THE RESULTS OF CORRELATION TESTS ON THE TOPP PROBE-TYPE LOCAL ANGLE OF ATTACK INDICATOR PART NO. 12792-5 IN THE ABMA 7x7-INCH SUPER-SONIC WIND TUNNEL, THE TOPP UNIVERSAL SUBSONIC WIND TUNNEL, AND THE SPECIALTIES TYPE A SUBSONIC WIND TUNNEL	Baur, J.
DA-TM-30-58	13 Oct 58	AEROBALLISTICS EVALUATION OF REDSTONE FLIGHT TEST CC-1002	Fulmer, C. Lindberg, J.
DA-TM-31-58	18 Jun 58	CONTROL FACTOR VARIATION ANALYSIS OF THE JUPITER IOC MISSILE	Donehoo, L. Rucker, D.
DA-TM-35-58	3 Jul 58	MISSILE NUMBER 44 FINAL TRAJECTORY DATA	Schrader, M.
DA-TM-37-58	2 Jul 58	CONTROL FACTORS FOR FIRST STAGE OF PROPELLED FLIGHT FOR JUPITER-C MISSILE RS-44 (JUNO I)	Donehoo, L.
DA-TM-45-58	28 Jul 58	PERSHING MISSILE EXTENDED STUDY OF VERSION F	Neighbors, A. Braud, N. Sullivan, E.
DA-TM-47-58	8 Aug 58	MISSILE NUMBER 47 FINAL TRAJECTORY DATA	Schrader, M.
DA-TM-51-58	20 Aug 58	APPROXIMATE ANALYSIS OF AERODYNAMIC HEATING AND ABLATION ASPECTS OF THE RS-40 NOSE CONE	Dahm, W. Wilson, H.
DA-TM-53-58	21 Aug 58	PRELIMINARY TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #56 IF FIRED UNDER AN AIMING AZIMUTH OF 110.75°E FROM N	Young, M.
DA-TM-54-58	2 Sep 58	ESTIMATED AERODYNAMIC DATA FOR THE PRELIMINARY PERSHING RE-ENTRY BODY (HEAVY PAYLOAD)	Jenkins, C.
DA-TM-55-58	3 Sep 58	PERSHING MISSILE: "VERSION 4" EXTENDED GUIDANCE INVESTIGATION OF SHORT RANGE	Brandon, P.
DA-TM-56-58	4 Sep 58	PERSHING MISSILE, VERSION F, DYNAMICS STUDY	Mann, P.
DA-TM-57-58	4 Sep 58	REVISED TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #56 IF FIRED UNDER AN AIMING AZIMUTH OF 110.75°E FROM N	Leonard, E. Bayless, E.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-TM-58-58	4 Sep 58	VIBRATION AND FLUTTER ANALYSES JUPITER AM #5	Ryan, R. Paok, H.
DA-TM-60-58	12 Sep 58	JUPITER-C NO. 49 PRELIMINARY TRAJECTORY	Hoelker, R. Jean, O.
DA-TM-61-58	17 Sep 58	CONTROL FACTORS FOR JUPITER AM-9 MISSILE	Dahlke, C.
DA-TM-62-58	18 Sep 58	LOADING ON A MISSILE DUE TO PROPELLANT SLOSHING	Bauer, H.
DA-TM-63-58	23 Sep 58	JUPITER-C MISSILE NO. 49; ERROR ANALYSIS	Teague, E. Jean, O.
DA-TM-67-58	6 Oct 58	WIND TUNNEL RESULTS OF THE STATIC LONGITUDINAL STABILITY OF THE REDSTONE TACTICAL TOP AT M = 5.11	Few, A.
DA-TM-68-58	6 Oct 58	THIRD REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-9 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-69-58	7 Oct 58	JUPITER C MISSILE #49 TRAJECTORY OUTLAY CONSIDERATIONS	Schrader, M. Jean, O.
DA-TM-70-58	10 Oct 58	FLUTTER ANALYSIS OF JUNO II	Ryan, R.
DA-TM-71-58	13 Oct 58	JUPITER C MISSILE NO. 49 FINAL TRAJECTORY	Schrader, M. Jean, O.
DA-TM-72-58	16 Oct 58	REVISED TRAJECTORY DATA FOR TEST FIRING OF REDSTONE MISSILE #57 IF FIRED UNDER AN AIMING AZIMUTH OF 125.07°E FROM N	Bayless, E. Arban, H.
DA-TM-73-58	1 Oct 58	SOME EFFECTS OF EXTERNAL CONDUITS ON ROLLING MOMENT OF THE PRELIMINARY PERSHING CONFIGURATION	Pitcock, R.
DA-TM-74-58	29 Oct 58	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-9	Speer, F.
DA-TM-75-58	29 Oct 58	PERSHING GUIDANCE INVESTIGATION (CONFIGURATION 5) MEDIUM AND LONG RANGE	Mann, P.
DA-TM-76-58	5 Nov 58	STATISTICAL EVALUATION OF WINDS ALOFT DATA - PRELIMINARY	Alfuth, W. Vaughan, W. Smith, O.
DA-TM-77-58	19 Nov 58	VIBRATION ANALYSIS OF PERSHING MISSILE #101	
DA-TM-79-58	12 Nov 58	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1007 IF FIRED UNDER AN AIMING AZIMUTH OF 110.7435°E FROM N	Leonard, E. Bayless, E.
DA-TM-80-58	7 Nov 58	SOME EFFECTS OF EXTERNAL CONDUITS ON THE LONGITUDINAL STATIC STABILITY CHARACTERISTICS OF THE PRELIMINARY PERSHING CONFIGURATIONS	Pitcock, R.
DA-TM-81-58	17 Nov 58	JUNO II - LUNAR PROBE FLIGHT AM-11; FLIGHT DYNAMICS AND TRAJECTORY OUTLAY	Hoelker, R.
DA-TM-82-58	19 Nov 58	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-6A	Fulmer, C. Lindberg, J.
DA-TM-83-58	19 Nov 58	VIBRATION ANALYSIS OF JUPITER C-49	Beasley, D.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-TM-84-58	21 Nov 58	REVISED TRAJECTORY DATA - TEST FIRING OF JUPITER MISSILE AM-13 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-85-58	5 Dec 58	JUNO V - VERSION B PERFORMANCE CONSIDERATIONS	Schmieder, D.
DA-TM-86-58	26 Nov 58	REVISED CONTROL FACTORS FOR JUPITER MISSILE AM-11 (JUNO II)	Donehoo, L.
DA-TM-87-58	26 Nov 58	STANDARD TRAJECTORY FOR AM-11	Schwainiger, A.
DA-TM-88-58	2 Dec 58	PRELIMINARY TRAJECTORY DATA TEST FIRING OF MISSILE JUPITER CM-21 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.
DA-TM-89-58	4 Dec 58	PERSHING GUIDANCE INVESTIGATION ON THE SHORT RANGE WITH 20 SEC. COAST	Brandon, P.
DA-TM-90-58	17 Dec 58	STABILITY SOLUTIONS FOR THE REDSTONE BODY UNIT	Linsley, E.
DA-TM-91-58	18 Dec 58	CONTROL-FEEDBACK FLUTTER ANALYSIS JUPITER AM #13	Ryan, R.
DA-TM-92-58	18 Dec 58	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1010 IF FIRED UNDER AN AIMING AZIMUTH OF 356.9509°E FROM N	Bayless, E. Arban, H.
DA-TM-93-58	29 Dec 58	VIBRATION ANALYSIS OF JUPITER AM-19	Beasley, D.
DG-TM-160-58	9 Oct 58	PRELIMINARY EVALUATION JUPITER TEST FLIGHT AM-7	Weyler, G.
DA-TR-I-58	18 Apr 58	FLUID OSCILLATIONS IN A CIRCULAR CYLINDRICAL TANK	Bauer, H.
DA-TR-2-58	18 Apr 58	FLUID OSCILLATIONS OF A CIRCULAR CYLINDRICAL TANK PERFORMING LISSAJOUS-OSCILLATIONS	Bauer, H.
DA-TR-3-58	18 Apr 58	FLUID OSCILLATIONS IN A CIRCULAR CYLINDRICAL TANK DUE TO BENDING OF TANK WALL	Bauer, H.
DA-TR-4-58	23 Apr 58	FLUID OSCILLATION IN A CYLINDRICAL TANK WITH DAMPING	Bauer, H.
DA-TR-5-58	23 Apr 58	THE MOMENT OF INERTIA OF A LIQUID IN A CIRCULAR CYLINDRICAL TANK	Bauer, H.
DA-TR-6-58	1 May 58	EXPERIMENTAL RESULTS OF SOME EFFECTS OF THE INTERACTION BETWEEN A HOT PROPULSIVE JET AND SEVERAL TAILLESS MISSILE AFTERBODY CONFIGURATIONS IMMERSSED IN EXTERNAL FLOW	Few, A.
DA-TR-7-58	I Jul 58	WIND DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR HANEDA AIR FORCE BASE TOKYO, JAPAN	
DA-TR-8-58	I Jul 58	DENSITY DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR HANEDA AIR FORCE BASE, TOKYO, JAPAN	
DA-TR-9-58	16 May 58	DAMPED FLUID OSCILLATIONS IN A CIRCULAR CYLINDRICAL TANK DUE TO BENDING OF TANK WALL	Bauer, H.
DA-TR-II-58	I Aug 58	DENSITY DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR PATRICK AIR FORCE BASE, COCOA, FLORIDA	Vaughan, W.
DA-TR-12-58	5 Aug 58	WIND DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR PATRICK AIR FORCE BASE, COCOA, FLORIDA	Vaughan, W.



<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DA-TR-15-58	20 Aug 58	DENSITY DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR FAIRBANKS, ALASKA	Vaughan, W.
DA-TR-16-58	24 Sep 58	DENSITY DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR INTERNATIONAL FALLS, MINNESOTA	Vaughan, W.
DA-TR-17-58	24 Sep 58	WIND DISTRIBUTIONS AS A FUNCTION OF ALTITUDE FOR FAIRBANKS, ALASKA	Vaughan, W.
DA-TR-18-58	5 Nov 58	PROPELLANT SLOSHING	Bauer, H.
DA-TR-19-58	17 Nov 58	THE CONCEPT AND PREPARATION OF FIRING TABLES FOR BALLISTIC MISSILE	Banker, C. Dinjar, R.
DA-TR-67-59	29 Dec 58	EMPIRICAL THREE-SIGMA WIND COMPONENT PROFILES 105-DEGREE MISSILE FLIGHT AZIMUTH ATLANTIC MISSILE RANGE, PATRICK AFB (CAPE CANAVERAL), FLORIDA	Vaughan, W.
DC-Explorer IV- ODS Issue 1	11 Aug 58	EXPLORER IV -- 1958 EPSILON ORBITAL DATA SERIES ISSUE I	
DC-Explorer IV- ODS Issue 2	25 Aug 58	EXPLORER IV -- 1958 EPSILON ORBITAL DATA SERIES ISSUE 2	
DC-Explorer IV- ODS Issue 3	16 Sep 58	EXPLORER IV -- 1958 EPSILON ORBITAL DATA SERIES	
DC-Explorer IV- ODS Issue 4	30 Sep 58	EXPLORER IV -- 1958 EPSILON ORBITAL DATA SERIES	
DC-Explorer IV- ODS Issue 5	15 Nov 58	EXPLORER IV 1958 EPSILON ORBITAL DATA SERIES ISSUE 5 - DOPPLER ORBITAL DATA	Hurst, P. Lynn, J.
DC-TN-215	14 Mar 58	SIMULATION OF FLIGHT PATHS TO THE MOON	Gibbons, J. Shaver, F.
DF-TM-39-58	4 Aug 58	FABRICATING 5456 ALUMINUM ALLOY	Daley, D. Wilson, W.
DF-TM-44-58	1 Sep 58	ESTABLISHING OPTICAL CONTROL OF ART UNIT AND OPTICAL ALIGNMENT OF AFT UNIT COMPONENTS JUPITER	
DF-TM-48-58	4 Oct 58	FUSION WELDING AL-MG ALLOYS	Daley, D.
DFR-TM-21-58	6 Jun 58	SHEAR SPINNING OF 5086 ALUMINUM ALLOY	Wilson, W.
DFR-TM-40-58	30 Dec 58	STUD WELDING OF ALUMINUM ALLOYS FOR MISSILE APPLICATIONS	Daley, D.
DG-M-3-58	22 Apr 58	EXPERIMENTS IN DAMPING A ROTATING SATELLITE IN MAGNETIC FIELDS	Juerginsen, K. Sandalesk, N. Teuber, D.
DG-M-128-58	2 May 58	SPATIAL ATTITUDE CONTROL OF EXPLORER I	Digesu, F.
DG-TM-148-58	19 Aug 58	DERIVATION OF EQUATIONS FOR CONTOURS OF CONSTANT DAMPING AND CONSTANT FREQUENCY APPLICABLE IN THE STABILITY ANALYSIS OF LINEAR CONTROL SYSTEMS	Hosenthien, H.
DG-M-202	27 Jan 58	ACCELEROMETER-ALPHA CONTROL OF JUPITER	Digesu, F.
DG-M-204	30 Jan 58	VIBRATION MEASUREMENT - MISSILE NO. 45	Beltran, A. Phodes, M.

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DG-M-207	20 Jan 58	VIBRATION MEASUREMENT - JUPITER AM-4	Beltran, A. Rhodes, M.
DG-M-208	4 Mar 58	MODIFICATIONS TO THE TELE-DYNAMICS 1503-B COMMUTATOR-GATING UNIT	Parnell, C. MacMillan, R.
DG-M-210	24 Feb 58	VIBRATION MEASUREMENT - REDSTONE NO. 29	Beltran, A. Rhodes, M.
DG-M-216	7 Mar 58	GUIDANCE COMPUTER INDICATIONS FOR MISSILE #CC-46	
DG-M-222	6 Mar 58	VIBRATION MEASUREMENT MISSILE NO. CC-42	Beltran, A. Babbitt, H.
DG-M-224	12 Mar 58	VIBRATION MEASUREMENT MISSILE NO. CC-46	Beltran, A. Babbitt, H.
DG-M-225	20 Mar 58	VIBRATION MEASUREMENTS - MISSILE NO. CC-43	Beltran, A. Rhodes, C.
DG-M-235	27 Mar 58	VIBRATION MEASUREMENTS - MISSILE NO. 26	Beltran, A. Rhodes, M.
DG-M-256	Mar 58	GUIDANCE COMPUTER INDICATIONS FOR MISSILE CC-43	Farrior, J.
DG-R-41	10 Feb 58	TRANSISTOR CIRCUITS ALTER FREQUENCY RESPONSE OF MAGNETIC AMPLIFIERS	Taylor, J. Wyman, C.
DG-R-42	6 Feb 58	ELECTRONIC COUNTER SYSTEMS FOR FM-DATA REDUCTION	Semmler, J.
DG-TM-1-58	25 Apr 58	CEP COMPUTATION BASED ON REDSTONE GUIDED FLIGHTS TO DATE	Ford, R.
DG-TM-2-58	8 Apr 58	VIBRATION MEASUREMENTS - MISSILE NO. RS-24	Beltran, A. Rhodes, M.
DG-TM-7-58	11 Jun 58	LOGAL ANGLE OF ATTACK TRANSDUCER TESTING	
DG-TM-8-58	25 Jun 58	VIBRATION MEASUREMENTS - MISSILE AM-5	Beltran, A. Rhodes, M.
DG-TM-139-58	25 Jul 58	CONSIDERATIONS ON INERTIAL GUIDANCE FOR MISSILES	Mueller, F.
DG-TM-140-58	24 Jul 58	PRELIMINARY STUDY OF SPATIAL ATTITUDE CONTROL FOR JUPITER AM-11	Justice, D.
DG-TM-141-58	22 Jul 58	PRELIMINARY EVALUATION OF UDOP AND DOVAP PERFORMANCE ON MISSILES AM-4 AND AM-5 WITH RESPECT TO RADIO FREQUENCY ATTENUATION	Sanderlin, J. Clinton, R.
DG-TM-142-58	22 Jul 58	GUIDANCE COMPUTER INDICATIONS FOR MISSILE #CC-54	
DG-TM-143-58	6 Aug 58	STABILITY ANALYSIS OF THE JUPITER MISSILE USING A BODY-FIXED LATERAL ACCELEROMETER FOR ALPHA- CONTROL	George, J.
DG-TM-144-58	13 Aug 58	"ON-OFF" SPATIAL CONTROL FOR SATELLITE APPLICATION	Fisher, P.

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DG-TM-145-58	14 Aug 58	CEP COMPUTATION BASED ON REDSTONE GUIDED FLIGHTS TO DATE	Ford, R.
DG-TM-146-58	15 Aug 58	GUIDANCE COMPUTER INDICATIONS FOR MISSILE #J-AM-6-A	
DG-TM-147-58	8 Aug 58	GUIDANCE COMPUTER INDICATIONS FOR MISSILE NO. CC-1004	
DG-TM-148-58	19 Aug 58	DERIVATION OF EQUATIONS FOR CONTOURS OF CONSTANT FREQUENCY APPLICABLE IN THE STABILITY ANALYSIS OF LINEAR CONTROL SYSTEMS	Hosenthien, H.
DG-TM-150-58	18 Aug 58	PRELIMINARY EVALUATION OF JUPITER AM-6A WITH REFERENCE TO RADIO FREQUENCY ATTENUATION	Sanderlin, J. Clinton, R.
DG-TM-151-58	1 Oct 58	A GENERALIZED APPROACH TO THE MAGNETIC DAMPING OF THE SPIN OF A METALLIC EARTH SATELLITE	Sandulesk, N.
DG-TM-152-58	25 Aug 58	GUIDANCE COMPUTER INDICATIONS FOR REDSTONE MISSILE #CC-50 (TELEMETER REDUCTION)	Ford, R.
DG-TM-153-58	8 Sep 58	GUIDANCE COMPUTER INDICATIONS FOR REDSTONE MISSILE #CC-51 (TELEMETER REDUCTION)	Ford, R.
DG-TM-154-58	29 Aug 58	PRELIMINARY EVALUATION OF GUIDANCE AND CONTROL EQUIPMENT FOR JUPITER TEST FLIGHT AM-5	
DG-TM-156-58	20 Sep 58	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE #J-AM-7 - TELEMETER REDUCTION	Ford, R.
DG-TM-157-58	4 Oct 58	GUIDANCE COMPUTER INDICATIONS FOR REDSTONE MISSILE #CC-56	
DG-TM-158-58	6 Oct 58	PRELIMINARY EVALUATION REPORT JUPITER "C" TEST FLIGHT - CC 44	Nacaise, P.
DG-TM-159-58	9 Oct 58	PRELIMINARY EVALUATION JUPITER TEST FLIGHT AM-6A	Weyler, C.
DG-TM-160-58	9 Oct 58	PRELIMINARY EVALUATION JUPITER TEST FLIGHT AM-7	Weyler, C.
DG-TM-165-58	28 Oct 58	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE #AM-9	
DG-TM-166-58	23 Oct 58	DEVELOPMENT AND RESULTS OF A TAPE RECORDER FOR RE-ENTRY VEHICLES	Eichelberger, R.
DG-TM-167-58	27 Oct 58	MISSILE #11 (JUNO II)	Brandor, F.
DG-TM-168-58	28 Oct 58	PRELIMINARY EVALUATION JUPITER C TEST FLIGHT - CC 47	Nicalso, P.
DG-TM-169-58	6 Nov 58	DEFINITION OF REFERENCE POLARITIES AND CONTROL GAINS FOR A THREE VANE CONTROL SCHEME	
DG-TM-170-58	17 Oct 58	PRELIMINARY EVALUATION OF JUPITER AM-7 WITH RESPECT TO RADIO FREQUENCY SYSTEMS	Clinton, R., Dewitt, R.

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DG-TM-171-58	14 Nov 58	PRELIMINARY EVALUATION JUPITER "C" TEST FLIGHT - RS-49	Nicaise, P. McMahan, C.
DG-TM-172-58	20 Nov 58	NUMERICAL METHOD OF EXPANDING THE CHARACTERISTIC DETERMINANT OF A SYSTEM INTO THE CHARACTERISTICS POLYNOMIAL	Hosenthien, H.
DG-TM-173-58	1 Dec 58	A METHOD TO FACILITATE THE USE OF INVERSE LAPLACE TRANSFORMS IN THE EVALUATION OF OSCILLATORY TRANSIENTS	George, J. Hosenthien, H.
DG-TM-174-58	24 Nov 58	GUIDANCE COMPUTER INDICATIONS FOR REDSTONE MISSILE #CC-57	
DG-TM-177-58	8 Dec 58	PRELIMINARY EVALUATION REDSTONE MISSILE #CC-57	Nicaise, P. Weyler, G. McMahon, C.
DG-TR-1-58	Nov 58	A 20 MC, ONE-WATT TRANSISTORIZED TELEMETERING TRANSMITTER FOR SATELLITES	Pittman, W. (Co-author)
DG-TR-2-58	15 Dec 58	REGULATION OF INVERTERS FOR INERTIAL GUIDED MISSILES	Jasper, N. Kreider, W.
DI-10 Nov 58	10 Nov 58	EXPLORERS IN ORBIT	
DI-CC-107	1 Aug 58	INTELLIGENCE SYSTEM (JUPITER GUIDANCE)	Lipski, D.
DI-CC-123, V 1	20 Nov 58	JUPITER IOC CIRCUIT SYSTEMS VOLUME I HYDRO-PNEU SYSTEM	Cvitan, C.
DI-CC-123, V 2	Nov 58	JUPITER IOC CIRCUIT ANALYSIS VOLUME II FUEL SYSTEM	McDougald, J.
DI-CC-123, V 3	Nov 58	JUPITER IOC CIRCUIT ANALYSIS VOLUME III LOK SYSTEM	Sommers, L.
DI-CC-123, V 4	Dec 58	JUPITER IOC CIRCUIT ANALYSIS VOLUME IV - EET	Arriola, J. Harrington, K. Stilley, J.
DI-CC-123, V 9	Dec 58	JUPITER IOC CIRCUIT ANALYSIS VOLUME IX - INDEX OF RELAYS, CONTRACTS, PINS, JACKS & AREA DESIGNATIONS FOR MISSILE & GSE	
DLD-TR-1-58	17 Jan 58	SOIL BEARING CONSIDERATIONS IN REFERENCE TO SITE SELECTION FOR THE HEAVY WEIGHT REDSTONE LAUNCHER	Walter, G.
DLD-TR-7-58	28 Feb 58	STATIC FIRING OF JUPITER IOC MISSILE ON THE TACTICAL LAUNCHER	
DLD-TR-8-58	26 Feb 58	PRELIMINARY REPORT ON STATIC FIRINGS ON TACTICAL JUPITER LAUNCHER ON 22, 24 AND 25 FEBRUARY 1958	von Tiesenhausen, G.
DLD-TR-10-58	3 Jun 58	JUPITER ERECTION SYSTEM (MISSILE) LOADS ANALYSIS	Walter, G.
DLE-TR-7-58	11 Apr 58	DETERMINATION OF RE-USABILITY OF ROCKBESTOS HIGH TEMPERATURE WIRE AFTER EXPOSURE TO JUPITER MISSILE EXHAUST BLAST	Griffin, F.
DLE-TR-8-58	16 Apr 58	TIME DURATION MEASUREMENT OF A JUPITER LONG CABLE MAST QUICK RELEASE DEVICE	Juffy, J.

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DLE-TR-9-58	29 Apr 58	DETERMINATION OF FREQUENCY STABILITY OF 400 OPS PRECISION GENERATOR SUBJECTED TO VARIOUS TEMPERATURES	Milliken, J.
DLE-TR-11-58	21 May 58	TEMPERATURE CHARACTERISTICS OF G.E. 2D17562 FUEL HEATING ELEMENT	Duffy, J.
DLE-TR-12-58	6 Aug 58	PROPOSED POWER SYSTEM FOR JUPITER IOC	Nelms, W.
DLF-TR-2-58	24 Feb 58	PRELIMINARY TEST REPORT ON TIME REQUIRED FOR JUPITER PRESSURIZATION (GASEOUS)	Hall, C.
DLF-TR-12-58	17 Mar 58	CORRECTIONS AND ADDITIONS TO TECHNICAL REPORT NR. DLF-2-57, STUDY OF THE USE OF LIQUID NITROGEN IN PRESSURIZATION AND COOLING SYSTEMS OF THE JUPITER AND REDSTONE MISSILES	Forbis, W.
DLM-TR-1-58	9 Mar 58	TEST REPORT ON FLEXIBLE FUEL LINE ON GROUND FUEL START TANK (FROM MISSILES AM-2, AM-3, AM-4)	Piotrowski, S.
DLM-TR-13-58	3 Jul 58	JUPITER FIRING SITE ENVIRONMENTAL CONDITIONS DURING AND AFTER A FIRING	Tiesenhausen, G.
DLM-TR-14-58	25 Aug 58	REPORT ON A CAPTIVE FIRING OF THE JUPITER MISSILE AT INTERIM TEST STAND	Balch, C.
DLMF-TR-6-58	27 May 58	TACTICAL LOX LOADING OF THE JUPITER MISSILE	Spadek, S.
DLMT-TR-45-58	18 Jun 58	REPORT ON ROAD TEST OF A REDSTONE THRUST UNIT SEMITRAILER	Jones, R.
DLMT-TR-52-58	17 Oct 58	ROAD TEST OF A REDSTONE AFT UNIT TRAILER	Jones, R. Hodgson, V.
DLMT-TR-53-58	18 Oct 58	TEST LOADING OF A DOLLY MOUNTED JUPITER TACTICAL MISSILE ABOARD A C-124 AIRCRAFT	Olson, A. Hawkins, J.
DLMT-TR-56-58	4 Nov 58	THE AIRCRAFT LOADING OF THE JUPITER RP-1 FUEL TRANSPORTER ABOARD THE C-124 AIRCRAFT	Olson, A.
DLP-TR-22-58	15 Mar 58	REPORT ON ROAD TEST OF A REDSTONE WARHEAD SEMITRAILER	Jones, R. Hodgson, V.
DLS-TR-31-58	11 Apr 58	FIELD HANDLING OF THE GUIDED MISSILE XM-5 (REDSTONE) WITH PARTIAL LIGHTWEIGHT GROUND EQUIPMENT	
DLS-TR-35-58	6 Aug 58	JUPITER RIM BUILDING OPERATIONS FOR MISSILE CHECKOUT	
DM-R-43	29 Jan 58	FIRING TEST REPORT JUPITER A MISSILE CC-35	Duckworth, L.
DM-R-44	22 Jan 58	FIRING TEST REPORT JUPITER A MISSILE CC-41	Duckworth, L.
DM-R-45	28 Jan 58	FIRING TEST REPORT JUPITER MISSILE AM-3A	Duckworth, L.
DM-R-52	6 Jan 58	FIRING TEST REPORT JUPITER MISSILE AM-3	Duckworth, L.
DM-R-53	3 Apr 58	FIRING TEST REPORT JUPITER A MISSILE NR. 31	Duckworth, L.
DM-TM-102-58	9 Sep 58	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART II - AM-9 MISSILE NO. AM-9	Gwinn, R. Collins, D.
DM-TM-103-58	26 Sep 58	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART II - CC-49 MISSILE NO. CC-49	Gwinn, R. Collins, D.

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DM-TM-104-58	14 Oct 58	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART II - CC-57 MISSILE NR. CC-57 ATLANTIC MISSILE RANCE TEST NR. 1801	
DM-TM-105-58	17 Oct 58	ELECTR. IC TRACKING INSTRUMENTATION HISTORY	Keene, L.
DM-TM-105-58	7 Nov 58	PRELIMINARY CONSOLIDATED JUPITER INSTRUMENTATION PLAN LONG RANGE E AND U REDSTONE MISSILES FIRING AZIMUTH 110.75°	Gwinn, R. Collins, D.
DM-TM-106-58	7 Nov 58	PRELIMINARY CONSOLIDATED JUPITER INSTRUMENTATION PLAN SHORT RANGE E&H REDSTONE MISSILES FIRING AZIMUTH 150°	Gwinn, R. Collins, D.
DM-TM-108-58	25 Nov 58	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART II - AM-13 - ATLANTIC MISSILE RANCE TEST NUMBER 2906	Gwinn, R. Collins, D.
DM-TM-109-58	5 Dec 58	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART II - CM-21 ATLANTIC MISSILE RANCE TEST NUMBER 3001 MISSILE NO. CM-21	
DM-TR-1-58	21 Apr 58	FIRING TEST REPORT JUPITER C MISSILE 26	Duckworth, L.
DM-TR-2-58	22 Jan 58	FIRING TEST REPORT JUPITER A MISSILE CC-42	Duckworth, L.
DM-TR-3-58	3 Mar 58	FIRING TEST REPORT JUPITER MISSILE AM-4	Duckworth, L.
DM-TR-4-58	24 Mar 58	FIRING TEST REPORT JUPITER C MISSILE RS-29	Duckworth, L.
DM-TR-5-58	3 Apr 58	FIRING TEST REPORT REDSTONE MISSILE CC-46	Duckworth, L.
DM-TR-6-58	25 Feb 58	FIRING TEST REPORT REDSTONE MISSILE CC-45	Duckworth, L.
DM-TR-7-58	2 Apr 58	FIRING TEST REPORT REDSTONE MISSILE CC-43	Duckworth, L.
DM-TR-8-58	15 Apr 58	FIRING TEST REPORT JUPITER A MISSILE CC-38	Duckworth, L.
DM-TR-9-58	6 May 58	FIRING TEST REPORT JUPITER C MISSILE RS-24	Duckworth, L.
DM-TR-10-58	23 Jun 58	FIRING TEST REPORT TACTICAL REDSTONE MISSILE 1002	Duckworth, L.
DM-TR-11-58	24 Jun 58	FIRING TEST REPORT JUPITER AM-5	Duckworth, L.
DM-TR-12-58	16 Jul 58	FIRING TEST REPORT REDSTONE CC-48	Duckworth, L.
DM-TR-13-58	30 Jul 58	FIRING SITE WEICHT REPORT - JUPITER MISSILE AM-6B	Mudge, D. Sherrer, L.
DM-TR-14-58	22 Aug 58	FIRING SITE WEICHT REPORT JUPITER MISSILE CC-44	Mudge, D. Sherrer, L.
DM-TR-15-58	14 Jul 58	FINAL WEICHT REPORT REDSTONE MISSILE CC-54	Pantoliano, T. Mudge, D.
DM-TR-16-58	28 Aug 58	FIRING SITE WEIGHT REPORT JUPITER MISSILE CC-47	Sherrer, L.
DM-TR-17-58	17 Sep 58	FIRING SITE WEICHT REPORT JUPITER MISSILE AM-7	Sherrer, L.
DM-TR-18-58	21 Aug 58	FIRING TEST REPORT JUPITER MISSILE AM-6B	Duckworth, L.
DM-T.-19-58	21 Aug 58	FIRING TEST REPORT REDSTONE MISSILE CC-54	Duckworth, L.

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DM-TR-20-58	24 Sep 58	FIRING SITE WEIGHT REPORT - REDSTONE MISSILE CC-56	Sherrer, L.
DM-TR-21-58	3 Sep 58	FIRING TEST REPORT JUPITER MISSILE CC-44	
DM-TR-22-58	25 Sep 58	FIRING TEST REPORT JUPITER C MISSILE CC-47	
DM-TR-23-58	23 Sep 58	FIRING TEST REPORT JUPITER AM-7	
DM-TR-24-58	14 Oct 58	FIRING SITE WEIGHT REPORT JUPITER MISSILE AM-9	
DM-TR-25-58	29 Oct 58	FIRING SITE WEIGHT REPORT REDSTONE MISSILE CC-49	Sherrer, L.
DM-TR-26-58	13 Nov 58	FIRING SITE WEIGHT REPORT REDSTONE MISSILE CC-57	Sherrer, L.
DM-TR-27-58	6 Nov 58	FIRING TEST REPORT JUPITER AM-9	
DM-TR-28-58	4 Nov 58	FIRING TEST REPORT REDSTONE MISSILE CC-56	
DM-TR-29-58	21 Nov 58	FIRING TEST REPORT JUPITER C MISSILE CC-49	
DM-TR-30-58	11 Dec 58	FIRING SITE WEIGHT REPORT JUPITER MISSILE AM-11	Sherrer, L.
DM-TR-31-58	19 Dec 58	FIRING SITE WEIGHT REPORT JUPITER MISSILE AM-13	Sherrer, L.
DR-TM-65	7 Jan 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #29	Hale, S.
DR-TM-66	6 Feb 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #26	Hale, S.
DR-TM-67	10 Mar 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-5	Hale, S.
DR-TM-68	11 Mar 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #24	Hale, S.
DR-TM-184, V 1	28 Mar 58	FINAL ACCEPTANCE TEST REPORT JUPITER-A MISSILE #50	Hale, S.
DR-TM-184, V 2	31 Mar 58	FINAL ACCEPTANCE TEST REPORT JUPITER-A MISSILE #51	Hale, S.
DR-TM-184, V 3	3 Apr 58	FINAL ACCEPTANCE TEST REPORT JUPITER-A MISSILE #53	Hale, S.
DR-TM-185	21 Feb 58	SIMULATED FLIGHT TEST-JUPITER MISSILE BOOK 1	Brooks, E.
DR-TM-186	4 Apr 58	JUPITER SIMULATED FLIGHT TEST	Brooks, E.
DR-TM-187	28 Mar 58	SIMULATED FLIGHT TEST-JUPITER MISSILE	Brooks, E.
DRM-TM-11-58	28 Jul 58	FINAL ALIGNMENT REPORT, AM-7	Hendricks, E.
DRM-TM-12-58	30 Jul 58	DETERMINATION OF GEOMETRIC THRUST VECTOR FOR S3-D ROCKET ENGINES	Hendricks, E.
DRM-TM-13-58	31 Jul 58	MECHANICAL ANALYSIS FOR LAUNCHING, AM-7	LoveII, C.
DRM-TM-15-58	22 Aug 58	FINAL ALIGNMENT REPORT, AM-9	Hendricks, E. Walker, J.
DRM-TM-16-58	27 Aug 58	MECHANICAL ANALYSIS FOR LAUNCHING, AM-9	Lovell, C. Fisher, A.

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DPM-TM-18-58	4 Sep 58	FINAL ALIGNMENT REPORT, AM-101	Hendricks, E. Walker, J.
DRM-TM-21-58	13 Sep 58	FINAL ALIGNMENT REPORT, AM-103	Walker, J.
DRM-TM-22-58	24 Sep 58	FINAL ALIGNMENT REPORT, AM-102	Walker, J. Hendricks, E.
DRM-TM-25-58	2 Oct 58	FINAL ALIGNMENT REPORT, AM-104	Walker, J. Hendricks, E.
DRM-TM-28-58	8 Oct 58	FINAL ALIGNMENT REPORT, MISSILE CC-49	Hendricks, E. Walker, J.
DRM-TM-29-58	9 Oct 58	FINAL MECHANICAL ANALYSIS FOR LAUNCHING CC-49	Lovell, C. Fisher, A.
DRM-TM-31-58	8 Nov 58	FINAL ALIGNMENT REPORT, AM-11	Walker, J.
DRM-TM-32-58	10 Nov 58	MECHANICAL ANALYSIS FOR LAUNCHING, AM-11	Lovell, C. Fisher, A.
DRM-TM-33-58	Dec 58	FINAL ALIGNMENT REPORT, AM-105	Walker, J.
DRM-TM-35-58	21 Nov 58	FINAL ALIGNMENT REPORT, AM-13	Walker, J.
DRM-TM-36-58	21 Nov 58	MECHANICAL ANALYSIS FOR LAUNCHING, MISSILE AM-13	Lovell, C. Fisher, A.
DRMA-TM-1-58	6 Jun 58	FINAL ALIGNMENT REPORT, CC-44	Hendricks, E.
DRMA-TM-2-58	9 Jun 58	MECHANICAL ANALYSIS FOR LAUNCHING, CC-44	Lovell, C. Fisher, A.
DRMA-TM-4-58	17 Jun 58	FINAL ALIGNMENT REPORT, AM-6	Hendricks, E.
DRMA-TM-5-58	19 Jun 58	MECHANICAL ANALYSIS FOR LAUNCHING, AM-6	Lovell, C. Fisher, A.
DRMA-TM-6-58	26 Jun 58	MECHANICAL ANALYSIS FOR LAUNCHING, AM-6 SUPPLEMENT	Lovell, C. Fisher, A.
DRP-TM-1-58	9 Jun 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #44	
DRP-TM-2-58	23 Jun 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-6	Hale, S.
DRP-TM-2-58, Add	26 Jun 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-6 - ADDENDA	Hale, S.
DRP-TM-4-58	18 Jul 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #47	Hale, S.
DRP-TM-5-58	31 Jul 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-7	Hale, S.
DRP-TM-6-58	2 Sep 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-9	Hale, S.
DRP-TM-9-58	Oct 58	REDSTONE RELIABILITY TEST PROGRAM - MONTHLY PROGRESS REPORT	



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DRP-TM-11-58	12 Sep 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE M-1	Hale, S.
DRP-TM-13-58	5 Sep 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-101	Hale, S.
DRP-TM-14-58	19 Oct 58	FINAL ACCEPTANCE TEST REPORT JUPITER-C MISSILE #49	Hale, S.
DRP-TM-15-58	30 Sep 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-102	Hale, S.
DRP-TM-16-58	17 Sep 58	JUPITER MISSILE AM-103 - FINAL ACCEPTANCE TEST REPORT	Hale, S.
DRP-TM-17-58	9 Oct 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-104	Hale, S.
DRP-TM-18-58	23 Oct 58	IOC ACCEPTANCE TEST DOCUMENTATION FOR JUPITER MISSILE AM-102	Hale, S.
DRP-TM-19-58	23 Oct 58	IOC ACCEPTANCE TEST DOCUMENTATION FOR JUPITER MISSILE AM-104	Hale, S.
DRP-TM-20-58	30 Dec 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-105	Hale, S.
DRP-TM-21-58	13 Nov 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-11	Hale, S.
DRP-TM-22-58	28 Nov 58	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-13	Hale, S.
DRP-TM-23-58	17 Nov 58	COMPARISON TESTS OF TELEMETER GROUND EQUIPMENT	Smith, A.
DRPG-TM-23-58	24 Dec 58	JUPITER GUIDANCE AND CONTROL COMPONENT FAILURE ANALYSIS	
DS-M-162	23 Jan 58	COMPARISON OF BALLISTIC MISSILE VEHICLES ATLAS AND TITAN	Galzerano, A.
DS-M-183	22 Jan 58	AERODYNAMIC HEATING EVALUATION JUPITER A MISSILE RS-12	Erst, D.
DS-M-196	5 Feb 58	JUPITER MISSILE AM-3 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C.
DS-M-197	3 Feb 58	PROCEDURE FOR CALCULATING AMOUNT OF TOTAL HEAT, RECEIVED BY SURFACES EXPOSED TO TIME DEPENDENT HEATING RATES	Nein, M.
DS-M-200	5 Feb 58	A STUDY OF INSTRUMENT COMPARTMENT PRESSURE LOSS FOR JUPITER A MISSILE CC-41	Vaughan, O.,
DS-M-201	12 Feb 58	COOLING TEST - MISSILE CC-50	Burns, R.
DS-M-205	11 Feb 58	JUPITER A MISSILE CC-38 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Abla, V.

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DS-M-206	31 Jan 58	JUPITER A MISSILE CC-39 TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Emanuel, G.
DS-M-209	21 Feb 58	REDSTONE MISSILE CC-41 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Vaughan, O.
DS-M-212	7 Mar 58	COOLING TEST - MISSILE CC-51	Burns, R.
DS-M-214	5 Mar 58	THE CORRELATION OF SUPERSONIC FLOWS ON BLUNT-NOSED BODIES IN GASES OF DIFFERENT SPECIFIC HEAT RATIOS	Burrows, D. McWhorter, J. Edwards, J.
DS-M-218	10 Mar 58	COMPARISON OF AERODYNAMIC HEATING OF JUPITER AM-5, STANDARD JUPITER AND IOC JUPITER	Head, R.
DS-M-223	17 Mar 58	JUPITER MISSILE AM-3A FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA LAUNCHING NO. 6 ON 26 NOVEMBER 1957	Emanuel, G.
DS-M-228	6 Mar 58	PREFLIGHT COOLING SYSTEM FOR ST-90 STABILIZED PLATFORM FOR AFT UNIT	Petty, R.
DS-M-229	7 Mar 58	INFLIGHT COOLING SYSTEM FOR WARHEAD UNIT	Petty, R.
DS-M-231	11 Mar 58	TEMPERATURE CONTROL SYSTEM FOR THE INSTRUMENT COMPARTMENT OF THE JUPITER IOC MISSILE	Petty, R.
DS-M-235	28 Mar 58	AERODYNAMIC HEATING INVESTIGATION AT STAGNATION POINT OF RS-29 (EXPLORER I) FOR ASCENT PORTION OF FLIGHT	Knapp, R.
DS-TB-24	20 Feb 58	HYDROSTATIC PRESSURE TEST OF ULTRA-SONICALLY WELDED CYLINDERS	Schock, R.
DS-TM-2-58	7 Mar 58	REDSTONE MISSILE CC-46 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C.
DSD-TM-1-58	17 Apr 58	THE EFFECT OF ASCENT AERODYNAMIC HEATING ON THE TOP SECTION INCLUDING PAYLOAD OF JUPITER AM-8	Trafton, R.
DSD-TM-3-58	21 Apr 58	REDSTONE MISSILE CC-42 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Emanuel, G.
DSD-TM-4-58	23 May 58	JUPITER C MISSILE RS-26 THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Emanuel, G.
DSD-TM-6-58	4 Apr 58	ESTIMATES OF TEMPERATURE AND HEAT REQUIRED TO PREVENT ICING ON THE LOCAL ANGLE OF ATTACK METER OF THE JUPITER MISSILE DURING ASCENT	Heatherly, E.
DSD-TM-7-58	22 Apr 58	JUPITER C MISSILE RS-29 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Vaughan, O.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DSD-TM-8-58	24 Apr 58	JUPITER MISSILE AM-4 FLIGHT EVALUATION SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Hopkins, C.
DSD-TM-9-58	19 May 58	JUPITER C MISSILE RS-24 THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT - TEMPERATURE AND PRESSURE CONTROL SYSTEM, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Vaughan, O.
DSD-TM-10-58	2 Jun 58	AERODYNAMIC HEATING EVALUATION JUPITER C MISSILE RS-27	Eret, D. Burrows, D.
DSD-TM-11-58	1 Apr 58	DETERMINATION OF OPTIMUM POSITION FOR NEW HEADER IN JUPITER IOC BLOCK III MISSILES	Nielsen, P. Mokay, G. Williamson, H.
DSD-TM-13-58	26 May 58	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE RS-28	Thionnet, C. Burrows, D.
DSD-TM-15-58	11 May 58	EVALUATION OF PERFORMANCE OF NAA 75-110 (A6) ENGINE USING ALCOHOL WITH TEMPERATURES RANGING FROM PLUS 113°F TO MINUS 36.5°F	Groeneveld, R.
DSD-TM-18-58	22 May 58	REDSTONE MISSILE CC-45 THERMAL ENVIRONMENT ANALYSIS INSTRUMENT COMPARTMENT TEMPERATURE AND PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Eret, D.
DSD-TM-19-58	22 May 58	REDSTONE MISSILE CC-43 THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT INSTRUMENT COMPARTMENT TEMPERATURE AND PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Hopkins, C.
DSD-TM-20-58	2 Jun 58	RESULTS OF HEAT FLUX CALIBRATION TESTS PERFORMED ON THE VARIOUS ABMA RE-ENTRY AERODYNAMIC HEATING SIMULATION FACILITIES	Connell, H.
DSD-TM-22-58	26 Jun 58	REDSTONE MISSILE CC-1002 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT - TEMPERATURE AND PRESSURE CONTROL SYSTEMS PERTAINING TO GUIDANCE AND CONTROL EQUIPMENT	Emanuel, G.
DSD-TM-23-58	24 Jun 58	PREDICTED THRUST CONTROL SYSTEM PERFORMANCE FOR JUPITER MISSILE AM-6A	Thomson, J.
DSD-TM-24-58	7 Jul 58	FUEL DENSITY REQUIREMENTS FOR MIXTURE RATION CONTROL IN JUPITER IOC MISSILES	McKay, G. Sanoler, S.
DSD-TM-25-58	9 Jul 58	JUPITER MISSILE AM-5 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C.
DSD-TM-27-58	29 Jul 58	A STUDY ON THE EROSION OF HIGH-TEMPERATURE MISSILE SURFACES DUE TO IMPACT WITH ATMOSPHERIC PARTICLES	Hathaway, W.
DSD-TM-28-58	30 Jul 58	AERODYNAMIC HEATING EVALUATION - REDSTONE MISSILE RS-19	Eret, D.

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DSD-TM-29-58	30 Jul 58	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE CC-35	Abia, V. Burrows, D.
DSD-TM-30-58	5 Aug 58	REDSTONE MISSILE CC-54 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT INSTRUMENT COMPARTMENT TEMPERATURE AND PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Vaughan, O.
DSD-TM-31-58	11 Aug 58	JUPITER C MISSILE RS-44 THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEM, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C.
DSD-TM-32-58	15 Aug 58	COOLING SYSTEM FOR ST-90 STABILIZED PLATFORM FOR AFT UNIT OF JUPITER IOC, JUPITER R&D AND JUNO II MISSILES	Burns, R.
DSD-TM-33-58	18 Aug 58	JUPITER BLOCK III TYPE MISSILE WITH SPUN CENTER HEAD AND 32 PSIA FUEL PUMP INLET HEAT SUPPRESSION PRELIMINARY POWER PLANT FLIGHT PERFORMANCE STUDY	Saucier, S. Nielsen, P.
DSD-TM-34-58	14 Aug 58	ESTIMATES OF THE HEATING OR COOLING OF THE JUPITER LOCAL ANGLE OF ATTACK METER EXPOSED TO EXTREME CLIMATIC FLIGHT CONDITIONS	Heatherly, E.
DSD-TM-35-58	18 Aug 58	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILES RS-34 & CC-40	Thionnet, C.
DSD-TM-36-58	19 Aug 58	TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Emanuel, G.
DSD-TM-37-58	21 Aug 58	INSTRUMENT COMPARTMENT TEMPERATURES AND PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Hopkins, C.
DSD-TM-38-58	8 Sep 58	TEMPERATURE AND PRESSURE CONTROL SYSTEM, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Woodlee, J.
DSD-TM-39-58	24 Sep 58	COOLING SYSTEM FOR INSTRUMENTATION IN THE AFT UNIT OF JUPITER R&D MISSILES	Burns, R.
DSD-TM-41-58	25 Sep 58	FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS JUPITER AM-5	Owens, J. Clarke, W.
DSD-TM-42-58	29 Sep 58	TEMPERATURE AND PRESSURE CONTROL SYSTEMS AFFECTING THE OPERATION OF GUIDANCE AND CONTROL EQUIPMENT	Thionnet, C.
DSD-TM-43-58	3 Oct 58	TEMPERATURE CONTROL SYSTEM FOR THE INSTRUMENT COMPARTMENT OF THE JUPITER IOC MISSILE	Cothran, C.
DSD-TM-44-58	9 Oct 58	COOLING SYSTEM FOR THE AZUSA TRANSPONDER IN THE AFT UNIT INSTRUMENT COMPARTMENT OF THE JUPITER R&D MISSILES AM-15, AM-17, AM-18, AM-19	Burns, R.
DSD-TM-45-58	9 Oct 58	REDSTONE MISSILE CC-56 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT INSTRUMENT COMPARTMENT TEMPERATURE-AND-PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Emanuel, G.

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DSD-TM-46-58	18 Oct 58	JUPITER MISSILE AM-7 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Eret, D.
DSD-TM-47-58	28 Oct 58	PRELIMINARY EVALUATION OF THE JUPITER TACTICAL MISSILE SYSTEM CAPABILITIES	McKay, G. Saucier, S.
DSD-TM-48-58	29 Oct 58	PREDICTED BOOSTER FLIGHT PERFORMANCE FOR JUPITER AM-11 (JUNO II)	Thomson, J. Earle, J.
DSD-TM-49-58	31 Oct 58	JUPITER MISSILE AM-9 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C.
DSD-TM-50-58	4 Nov 58	JUPITER-C MISSILE CC-49 THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT TEMPERATURES AND PRESSURES OF GUIDANCE AND CONTROL SYSTEMS LAUNCHING NO. 47 ON 22 OCTOBER 1958	Emanuel, G.
DSD-TN-63-58	Nov 58	COMPARISON OF 1750 NM JUPITER RE-ENTRY FLIGHT CONDITIONS TO THOSE OF ABMA AERODYNAMIC HEATING SIMULATION FACILITIES	Hurst, N. Burleson, W.
DSD-TN-65-58	Nov 58	COMPARISON OF JUPITER HEAT SHIELD REQUIREMENTS FOR TWO MATERIALS AT RANGES OF 1000, 1500, AND 2200 NM	Connell, H.
DSD-TR-1-58	22 Apr 58	AN ANALYTICAL DETERMINATION OF THE CHANGES IN TURBULENT HEAT TRANSFER ACROSS THE JUNCTURE POINT ON A SUPERSONIC CONE-NOSED CYLINDER	Burrows, D.
DSD-TR-2-58	23 May 58	THE EFFECTS OF THE CURVED SHOCK FROM A BLUNT NOSED CONE ON THE HEAT TRANSFER TO THE CONICAL SURFACE	Burrows, D. Jones, O.
DSD-TR-3-58	20 May 58	THE EFFECTS OF VARIATIONS OF NOSE CONE BLUNTNESS ON THE TURBULENT HEAT TRANSFER TO THE CONICAL PORTION OF A SPHERICAL-NOSED CONE	Fisher, R. Wood, C.
DSD-TR-4-58	12 Aug 58	A CAN-TYPE ANTI-SLOSH DEVICE DERIVED FROM BASIC SLOSH STUDIES	Eulitz, W.
DSD-TR-6-58	25 Jul 58	SOME ABLATION RESULTS OBTAINED IN ABMA AERODYNAMIC HEATING SIMULATION FACILITIES	Connell, H.
DSD-TR-8-58	5 Aug 58	COMPARISON OF ESTIMATED AND MEASURED ABLATION OF JUPITER MISSILES AM-5 AND 6A	Wood, C. Connell, H.
DSD-TR-9-58	6 Nov 58	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE CC-38	Thionnet, C.
DSD-TR-10-58	13 Nov 58	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE CC-15	Eret, D.
DSD-TR-11-58	1 Dec 58	REDSTONE MISSILE CC-57 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT INSTRUMENT COMPARTMENT TEMPERATURE AND PRESSURE CONTROL SYSTEMS AND TAIL UNIT STRUCTURAL TEMPERATURES	Thionnet, C.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
DSF-TM-1-58	22 May 58	AN INVESTIGATION TO DETERMINE OVERTURNING MOMENTS DUE TO SURFACE WINDS ON THE REDSTONE MISSILE	Showers, N.
DSF-TM-3-58	11 Jul 58	JUPITER IOC NOSE CONE PRELIMINARY DIVE PHASE LOADS	Stevens, J.
DSF-TM-4-58	23 Jul 58	EFFECTS OF SHEAR DEFORMATION AND ROTARY INERTIA ON NATURAL VIBRATIONS OF CYLINDRICAL MISSILE CONFIGURATIONS	Glaser, R.
DSF-TM-5-58	14 Aug 58	ANALYSIS OF NORMAL MODES OF BENDING VIBRATION JUNO II - MISSILE AM-11	Glaser, R. Bullock, T.
DSF-TM-7-58	21 Aug 58	BASE BENDING MOMENTS FOR WIND VELOCITIES UP TO AND INCLUDING OVERTURNING FOR THE JUPITER IOC MISSILE	Stevens, J.
DSF-TM-8-58	28 Oct 58	JUNO II (AM-11) PRELIMINARY POWERED PHASE FLIGHT LOADS	Trueman, F. Stevens, J. Wells, V.
DSF-TM-9-58	3 Nov 58	LOX VENT VALVE VIBRATION MEASUREMENTS ON REDSTONE AND JUPITER MISSILES	Farrow, J. Duckett, E.
DSF-TM-10-58	3 Nov 58	JUPITER AM-11 - INVESTIGATION OF MOTION AFTER SEPARATION	Showers, N. Wells, V.
DSF-TM-11-58	3 Dec 58	FLIGHT LOADS FOR THE JUPITER IOC BLOCK I AND II MISSILES	Wells, V. Trueman, F. Stevens, J.
DSF-TM-12-58	30 Dec 58	BASE BENDING MOMENTS FOR A RANGE OF WIND VELOCITIES ON AM-14	Stevens, J.
DSL-TM-1-58	12 May 58	FINAL MASS CHARACTERISTICS FOR JUPITER MISSILE AM-5 WITH AND WITHOUT PROPELLANTS	Neighbors, B. Wicks, T. Weldon, E.
DSL-TM-4-58	15 May 58	CONFIGURATION, MATERIAL, WEIGHT & WEIGHT DISTRIBUTION BREAKDOWN OF "HARDTACK" TACTICAL TOP OF REDSTONE MISSILE CC-50	Folks, L.
DSL-TM-6-58	19 Jun 58	CALCULATED EMPTY MISSILE WEIGHT, CENTERS OF GRAVITY AND MASS MOMENTS OF INERTIA FOR JUPITER IOC MISSILES, BLOCK I & II	Weldon, E.
DSL-TM-7-58	11 Jun 58	CALCULATED MASS CHARACTERISTICS FOR JUPITER-C MISSILE CC-44 WITH AND WITHOUT PROPELLANTS	Wicks, T. Wallace, W.
DSL-TM-9-58	14 Jun 58	FINAL WEIGHT, CENTER OF GRAVITY AND MOMENT OF INERTIA OF REDSTONE MISSILE CC-39	Neighbors, B. Cross, E.
DSL-TM-10-58	25 Jun 58	PRELIMINARY MASS CHARACTERISTICS DURING BURNING TIME FOR JUPITER IOC MISSILES	Cross, E. Weldon, E.
DSL-TM-11-58	18 Jun 58	PRELIMINARY MASS CHARACTERISTICS FOR REDSTONE MISSILE CC-54 WITH AND WITHOUT PROPELLANTS	Folks, L.
DSL-TM-14-58	3 Jul 58	REVISED MASS CHARACTERISTICS FOR JUPITER MISSILE AM-6A WITH AND WITHOUT PROPELLANTS	Cross, E.

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DSL-TM-15-58	26 Jun 58	PRELIMINARY MASS CHARACTERISTICS OF JUPITER MISSILE AM-4 WITH AND WITHOUT PROPELLANTS	Cross, E. Folks, L.
DSL-TM-17-58	15 Jul 58	COMPARATIVE STUDY OF MASS CHARACTERISTICS OF PERSHING MISSILE (TACTICAL VERSIONS AND PRODUCTION R&D VERSIONS)	Hurford, R.
DSL-TM-20-58	2 Sep 58	CALCULATED MASS CHARACTERISTICS FOR REDSTONE MISSILE CC-56 WITH AND WITHOUT PROPELLANTS	Folks, L.
DSL-TM-22-58	5 Oct 58	CALCULATED WEIGHT AND BALANCE REPORT FOR THE FIRST TACTICAL JUPITER MISSILE, SERIAL NUMBER AM-101	Drummond, J. Marmann, R.
DSL-TM-23-58	21 Oct 58	REVISED CALCULATED MASS CHARACTERISTICS FOR REDSTONE MISSILE CC-57 WITH AND WITHOUT PROPELLANTS	Folks, L.
DSL-TM-25-58	31 Oct 58	MASS HISTORY OF REDSTONE TACTICAL MISSILE, BLOCK II, WITH A-7 ENGINE	Minick, E. Cross, E.
DSL-TM-26-58	24 Oct 58	PREFLIGHT CALCULATED MASS CHARACTERISTICS OF JUPITER-C MISSILE CC-49 WITH AND WITHOUT PROPELLANTS	Cross, E.
DSL-TM-29-58	14 Nov 58	OPERATION INSTRUCTIONS NOSE CONE BIFILAR CARRIER, GMT-11334	Fowler, W. Geiger, M.
DSL-TM-30-58	8 Dec 58	OPERATION INSTRUCTIONS ADAPTER ASSEMBLY, GM353288, BIFILAR PENDULUM APPARATUS	Fowler, W. Geiger, M.
DSL-TM-31-58	15 Dec 58	OPERATION INSTRUCTIONS PENDULUM TIMER AND PHOTOELECTRIC CELL ASSEMBLY	Fowler, W. Geiger, M.
DSN-TM-I-58	5 Jun 58	AN EVALUATION OF THE RADIOACTIVE-TYPE ABLATION METER FROM COOK ELECTRIC COMPANY	Uptagrafft, F.
DSN-TM-2-58	5 Jun 58	TENTATIVE EVALUATION OF MILLIPORE AND WHATMAN METHODS OF CONTAMINATION ANALYSIS	Curry, J.
DSN-TM-3-58	19 Jun 58	AN EVALUATION OF THE CORROSION CAUSED BY STAINLESS STEEL INSERTS IN ALUMINUM ASSEMBLIES	Higgins, R.
DSN-TM-4-58	27 Jun 58	PRELIMINARY INVESTIGATION OF JET VANE MATERIALS FOR USE IN THE PERSHING MISSILE CONTROL SYSTEM	Kingsbury, J.
DSN-TM-5-58	23 Jul 58	PRELIMINARY EVALUATION: RESPONSE OF NOSE CONE THERMAL INSULATION MATERIAL OF JUPITER MISSILE AM-5 TO RE-ENTRY CONDITIONS	Lucas, W. Uptagrafft, F.
DSN-TM-6-58	1 Oct 58	CORRELATION OF MILLIPORE AND WHATMAN METHODS OF CONTAMINATION ANALYSIS	Key, F.
DSN-TM-7-58	16 Oct 58	FOREIGN PARTICLE CONTAMINATION IN MIL-L-6086 OIL	Riehl, W.
DSN-TM-8-58	26 Nov 58	EVALUATION OF RESPONSE OF NOSE CONE THERMAL INSULATION MATERIAL OF JUPITER MISSILE AM-6 TO RE-ENTRY CONDITIONS	Lucas, W. Uptagrafft, F.
DSN-TR-1-58	2 Jul 58	A CERAMIC COATING PROCESS FOR THE JUPITER FLAME SHIELD (PROTECTION ASSEMBLY STRUCTURE - DRAWING NO. 8921)	Smock, A.

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DSN-TR-2-58	15 Oct 58	AN INSTRUMENT FOR THE DETERMINATION OF IMPACT SENSITIVITY OF MATERIALS IN CONTACT WITH LIQUID OXYGEN	Lucas, W. Riehl, W.
DSP-TM-1-58	22 Apr 58	PROPOSED PROJECT SUPERB	Straly, W. Ruppe, H.
DSP-TM-3-58	30 May 58	DERIVATION AND CALCULATION OF INITIAL VALUES OF MOON-HITTING TRAJECTORIES	Ruppe, H. Straly, W.
DSP-TM-4-58	16 Jun 58	PRELIMINARY INFORMATION ON AN ADVANCED ORBITAL CARRIER AND SPACE VEHICLE (JUNO IV)	Callaway, R. Hammock, D. Koelle, H.
DSP-TM-5-58	1 Jul 58	REPORT ON THE SUPER JUPITER JUNIOR	Straly, W. Ruppe, H. Barker, C.
DSP-TM-6-58	1 Aug 58	ECONOMICAL ASPECTS OF BOOSTER RECOVERY	Huber, W.
DSP-TM-7-58	15 Aug 58	PRELIMINARY STUDY FOR A SPACE DEFENSE SYSTEM	Koelle, H. Williams, F.
DSP-TM-8-58	5 Sep 58	STUDY RESULTS ON A JUNO IV PROGRAM BASED ON THE 19-21 ABMA-JPL CONFERENCE	Callaway, R. Hammock, D.
DSP-TM-9-58	25 Sep 58	PROJECT SUPERB	Straly, W.
DSP-TM-10-58	13 Oct 58	JUNO V SPACE VEHICLE DEVELOPMENT PROGRAM (PHASE I): BOOSTER FEASIBILITY DEMONSTRATION	Koelle, H. Williams, F. Huber, W.
DSP-TM-11-58	15 Nov 58	JUNO V SPACE VEHICLE DEVELOPMENT PROGRAM (STATUS REPORT - 15 NOVEMBER 1958)	Koelle, H. Williams, F. Huber, W.
DSP-TM-12-58	11 Dec 58	CONTRIBUTIONS TO A DEEP-SPACE PROGRAM STUDY	Koelle, H. Barker, C. Ruppe, H.
DSP-TM-13-58	24 Dec 58	PERFORMANCE EVALUATION OF TYPICAL JUNO RECONFIGURATIONS	Callaway, R.
DSP-TR-1-58	8 Sep 58	ALTITUDE OF MINIMUM ORBITAL PAYLOAD	Callaway, R.
DSP-TR-2-58	28 Aug 58	ON THE MID-COURSE NAVIGATION FOR MANNED INTER-PLANETARY SPACE-FLIGHT	Unger, J.
DT1-TR-1-58	29 Jul 58	A HIGH ACCURACY LIQUID LEVEL MEASURING SYTEM	Greenwood, T.
ABMA-DV	12 Aug 58	SURVEY OF BIOSATELLITE EXPERIMENTS	Graham, J.
ABMA-DV	3 Mar 58	PROBLEMS AND PROPOSALS CONCERNING THE INTERCEPTION OF SATELLITES BY MANNED VEHICLES	Oberth, H.
DYR-R-39	27 Jan 58	JUPITER TECHNICAL BULLETIN - VOLUME 12	
DYR-R-48	17 Mar 58	JUPITER TECHNICAL BULLETIN - VOLUME 13	
Monograph HT-11	1958	THE EXPLORER STORY AND THE TEMPERATURE CONTROL OF THE SATELLITE PACKAGE	Heller, G.



Section II

NUMBERED REPORTS -  
 ARMY ROCKET AND GUIDED MISSILE AGENCY (ARGMA)  
 REDSTONE ARSENAL ORDNANCE MISSILE LABORATORIES (RSA/OML)

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
A-10-a	1 Apr 58	FREE-FLIGHT ROCKET MATERIEL CHARACTERISTICS	Moorman, E.
AM-4-58	15 May 58	SUPPORTING RESEARCH PROGRAM FOR ANTIMISSILE MISSILE SYSTEMS DEVELOPMENT	
AM-5-58	25 Jun 58	ARGMA, R&DD, PRESENTATION BEFORE USAOMC NIKE ZEUS EVALUATION COMMITTEE	Schilling, M. Schultheis, A.
AM-P-1-58	20 Aug 58	PROJECT PLATO	
AM-ZB-2-58	28 May 58	TEST SITE RECONNAISSANCE OF ANTIGUA, ASCENSION AND BARBUDA ISLANDS FOR PROJECT NIKE ZEUS	
3J27F	31 Mar 58	REVIEW OF DOUBLE-BASE PROPELLANT GRAINS IN SPIN-STABILIZED, GUN-BOOSTED ROCKETS	Hogan, W.
3J28F	4 Aug 58	DEVELOPMENT OF JUPITER NOSE CONE SPIN MOTOR	Lee, R.
3J29P	27 Jun 58	IGNITION OF AGED POLYSULFIDE PERCHLORATE TYPE PROPELLANTS	Yee, T.
3J30P	13 Sep 58	TEST PLAN FOR AGING TESTS OF NIKE-HERCULES SUSTAINER MOTOR	Williams, M.
3J31	20 Oct 58	INITIAL DEVELOPMENT TEST PLAN FOR PHASE II LITTLEJOHN ROCKET WEAPON SYSTEM	
2M2F	1 Feb 58	ELEMENTS OF THE GUIDED WEAPON RELIABILITY PROBLEM	Norman, J.
3M7N25	31 Mar 58	QUARTERLY REPORT - PROPULSION LABORATORY	
3M7N26	30 Jun 58	QUARTERLY REPORT - PROPULSION LABORATORY	
3M7N27	30 Sep 58	QUARTERLY REPORT - PROPULSION LABORATORY	
3M14N27	12 Mar 58	STATIC TEST OF TWO NIKE-AJAX JATOS, XM5	Storey, B.
3M14N28	6 May 58	STATIC TEST OF TWO GOODYEAR AIRCRAFT CORPORATION FIBERGLAS-PLASTIC JATO, XM5 UNITS	Storey, B.
3M14N29	12 Sep 58	STATIC TEST OF GOODYEAR AIRCRAFT FIBERGLAS-PLASTIC JATO, XM5 UNITS PNU-15 AND PNU-17	Storey, B.
3M15N9	9 May 58	STATIC FIRING OF TWO JATOS, T48E3 - TESTS OF EIGHT DESTRUCTORS, T27	Storey, B.
3M16N12	7 Mar 58	STATIC TESTS OF A PILOT LOT OF M58A2 ROCKET ENGINES FROM LONGHORN ORDNANCE WORKS	Green, R.
3M16N13	27 Mar 58	SIMULATED COMBAT MISSION CYCLING AND STATIC FIRING TESTS OF JATO M58E2 AND JATO M58E4	Green, R.

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3M16N14	5 Nov 58	QUALIFICATION TESTS OF XM18E1 ROCKET ENGINE	Green, R.
3M21N27	20 Jan 58	INSTRUMENTATION OF HONEST JOHN SYSTEM COMPONENTS DURING AERIAL DELIVERY TESTS AT FORT BRAGG, N. G.	Gollins, T. Turner, R.
3M21N28	27 May 58	TESTS OF JATO, M6A1 WITH TEMPERATURE GRADIENTS	Moore, S.
3M21N29	27 Jun 58	TESTS OF JATO, XM37 ROUNDS - IMPROVED HONEST JOHN SPIN BUCKING ROCKETS	Wiedman, J.
3M30N4	21 May 58	STATIC TEST OF SIX 6" X 11.4" TEST MOTORS	Williams, L.
3M33N12	6 Mar 58	CONTROLLED BLOW-OFF OF THE NOZZLE OF A SERGEANT MOTOR	Williams, L.
3M37N9	20 Feb 58	R&D OPERATIONAL TEST PROGRAM, AREA TOXIG WEAPON SYSTEM	Turner, R.
3M37N10	17 Feb 58	FINAL DEVELOPMENTAL TEST PROGRAM FOR AREA TOXIC ROCKET, T238	Horn, W.
3M37N11, Rev 1	20 Oct 58	FINAL ENGINEERING TEST PROGRAM FOR THE T238 AREA TOXIG ROCKET WEAPON SYSTEM	
3M37N12	31 Jul 58	FLIGHT TESTING OF THE T238 ROCKET TO OBTAIN SPIN RATE	Horn, W.
3M37N13	4 Sep 58	FLIGHT TESTING OF THE T238 ROCKET TO DETERMINE THE BLAST EFFECT OF THE T145 PROTOTYPE LAUNCHER	Hodges, B. Horn, W.
3M37N14	18 Nov 58	FLIGHT TESTING THE T238 ROCKET TO DETERMINE PERFORMANCE OF THE ROCKET WITH VARIOUS MODIFICATIONS	Ondrak, B.
3M37N15	29 Oct 58	FLIGHT TESTING OF THE T238 AREA TOXIG ROCKET TO OBTAIN TIME AND DISTANCE TO ARMING OF THE T2058 FUZE	Fields, H.
3M37N16	18 Dec 58	MINIMUM FINAL DEVELOPMENT TEST PROGRAM FOR AREA TOXIG ROCKET, T238	Ondrak, B.
3M39N16	22 Jan 58	FLIGHT TESTS OF THE 7.02-CALIBER 105MM ARTILLERY ROCKET (T273) WITH DOUBLE-BASE PROPELLANT	Graves, W. Kozdron, J.
3M39N17	5 Mar 58	FLIGHT TESTING THRUST DIVERTERS ON THE 7.02 CALIBER 105MM ARTILLERY ROCKET (T273) TO DETERMINE PERFORMANCE	Graves, W. Kozdron, J.
3M39N18	5 Mar 58	FLIGHT TESTING THE 7.02 CALIBER 105MM ARTILLERY ROCKET (T273) TO DETERMINE MINIMUM RANGE WITH REDUCED BOOST CHARGE	Graves, W. Kozdron, J. Batson, J.
3M39N19	6 Mar 58	FLIGHT TESTING THE 7.02 CALIBER 105MM ARTILLERY ROCKET (T273) WITH DOUBLE BASE PROPELLANT FOR NOZZLE SIZE DETERMINATION - ROUND NOS. 295-301	Graves, W. McMillan, T.
3M39N20	6 Mar 58	IN-FLIGHT PERFORMANCE TEST OF T273 ROCKET WITH AMMONIUM-NITRATE PROPELLANT GRAIN (ROUNDS 315 AND 319)	Graves, W. Kozdron, J. Batson, J.

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3M39N22	12 Dec 58	FLIGHT PERFORMANCE TEST OF THE 7.5-CALIBER, 105MM FIN-STABILIZED T273 ARTILLERY ROCKET	Powell, G.
3M39N23	16 Dec 58	DETERMINING THE BOOST CHARGE WEIGHT NECESSARY TO PRODUCE THE DESIRED MAXIMUM MUZZLE VELOCITY FOR THE 7.02-CALIBER, 115MM, T273 ARTILLERY ROCKET	Kozdron, J.
3M39N25	12 Dec 58	TEMPERATURE CHARACTERISTICS OF THE 7.5-CALIBER 105MM GUN-BOOSTED ROCKET	Fields, H.
3M49N4	Aug 58	TEST PLAN FOR LOW TEMPERATURE OPERATIONAL SUITABILITY TESTS (NONFIRING) OF THE MODIFIED LACROSSE I TASK IV SYSTEM WITH LOT II FGS	Bunn, F.
3M49N5	12 Dec 58	LOW-TEMPERATURE OPERATIONAL TEST OF THE LACROSSE I SYSTEM WITH LOT II FORWARD GUIDANCE STATION	Travers, G.
3M61N12	18 Dec 58	FLIGHT TESTING OF THE 105MM GUN-BOOSTED ROCKET	Johnson, F.
3M62N4	2 Apr 58	STATIC TESTING OF ONE T-278 AND TWO T-281 ROCKET MOTORS	Ball, T.
3M62N5	24 Mar 58	INITIAL FLIGHT TEST OF 105MM BOOSTED T281 ROCKETS	Gaines, D.
3M62N6	9 Jun 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Gaines, D.
3M62N7	22 Jul 58	FLIGHT TESTING OF T281 ROCKETS UTILIZING VARIOUS FIN DESIGNS AND PROPELLANT TYPES AT DIFFERENT CONDITIONING TEMPERATURES	Gaines, D.
3M62N8	12 Sep 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Johnson, F.
3M62N9	30 Sep 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Johnson, F.
3M62N10	12 Dec 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Johnson, F.
3M62N11	21 Oct 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Johnson, F.
3M62N12	18 Dec 58	FLIGHT TESTING OF 105MM GUN-BOOSTED ROCKETS	Johnson, F.
3M64N12	6 Jan 58	STATIC TEST OF ONE JATO, XM16E1 AGED FOR TWO YEARS - ROUND NO. A-3	Latimer, L.
3M64N13	28 Feb 58	STATIC TEST OF THE THIRD JATO, XM16E1 FOR QUALITY CONTROL - ROUND OC-3	Latimer, L.
3M64N14	30 Jul 58	STATIC TEST OF ONE JATO, XM16E1 AGED FOR TWO YEARS AND SIX MONTHS - ROUND NO. A-4	Storey, B.
3M78N8	8 Jan 58	OPTICAL LEVER DATA REPORT FOR LITTLEJOHN ROUND NOS. 144, 148 AND 149	Graves, W.
3M78N9	28 May 58	THRUST TERMINATION TESTS OF THIRTY-FIVE JATOS, XM39	Ball, T.
3M78N10	29 Aug 58	TEMPERATURE GRADIENT TESTS OF INERT PROPELLANT GRAINS	Wiedman, J.
3M78N11	30 Jul 58	STATIC TESTS OF THREE MODIFIED JATOS, XM26	Wiedman, J.

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3M78N12	25 Sep 58	PROGRAM FOR FINAL DEVELOPMENT TESTS OF ROCKET MOTOR, SPIN XM52	Moore, S.
3M78N13	18 Sep 58	STATIC TEST OF ONE JATO, XM26, IN VERTICAL TEST STAND	Lindeman, R.
3M78N14	8 Oct 58	PREQUALIFICATION TESTS OF SIX ROCKET MOTORS, SPIN XM52 FOR LITTLEJOHN SPIN ROCKET SYSTEM	Lindeman, R.
3M78N15	5 Dec 58	TESTS OF SPIN ROCKET MOTORS, XM52, FOR LITTLEJOHN SPIN ROCKET SYSTEM	Wiedman, J.
3M78N16	16 Dec 58	STATIC TESTS OF SIX ROCKET MOTORS, SPIN XM52, LITTLEJOHN SPIN ROCKET SYSTEM	Lindeman, R.
3M79N10	6 Mar 58	STATIC TEST OF TWO XM12E1 MOTORS - ROUNDS 29 AND 30	Latimer, L.
3M79N11	20 Mar 58	STATIC TESTS OF THREE AGED HERMES MOTORS	Latimer, L.
3M79N12	1 Oct 58	STATIC TEST OF TWO AGED JATOS, XM12E1	Neal, J.
3M79N13	5 Nov 58	STATIC TESTS OF SIX JATOS, XM12E1	Johnson, D.
3M81N4	23 Jun 58	TEST OF SPIN LAUNCHER FOR SPIN-CONE ROCKET	Gaines, D.
3M81N5	19 Sep 58	TEST OF SPIN LAUNCHER FOR SPIN-CONE ROCKET	Johnson, F.
3M93P, Rev	28 Jul 58	ENGINEERING TEST PROGRAM FOR ROCKET MOTOR XM22E5, STATIC PHASE	Moore, S.
3M95N9	21 Jan 58	DEVELOPMENT TESTING OF XM30 JATOS	Nix, J.
3M95N10	11 Mar 58	DEVELOPMENT TESTING OF XM30 JATOS AND A SHIPPING CONTAINER	Nix, J.
3M95N11	1 Apr 58	STATIC TEST OF ONE ACCELERATED AGED, LOW TEMPERATURE, JATO, XM30 - ROUND NO. A1	Nix, J.
3M95N12	8 May 58	QUALIFICATION TESTS OF FIFTEEN JATOS, XM30	Nix, J.
3M95N13	27 May 58	PREQUALIFICATION TESTS OF SIX JATOS, XM30	Nix, J.
3M95N14	18 Jul 58	DEVELOPMENT TESTING OF ONE JATO, XM30	Nix, J.
3M95N15	28 Aug 58	STATIC TEST OF ONE AGED JATO, XM30 - ROUND NO. A2	Nix, J.
3M95N16	30 Sep 58	QUALIFICATION TESTS OF SIX JATOS, XM30	Nix, J.
3M95N17	1 Dec 58	QUALIFICATION TESTS OF TWENTY JATOS, XM30	Nix, J.
3M106N6	12 Aug 58	STATIC TEST OF ONE JATO, XM28 EQUIPPED WITH A JETEVATOR	Green, R.
3M112N4	13 Jan 58	PROPELLANT SLUMP IN UTILITY TEST SECTION	Hudson, K.
3M112N5	15 Apr 58	STATIC TESTS OF THREE SCALE MOTORS IN THE DEVELOPMENT OF A LARGE SOLID PROPELLANT MOTOR	Williams, L.
3M112N6	23 Apr 58	STATIC TESTS OF FIVE EXPERIMENTAL ROCKET MOTORS	Williams, L.

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3M112N8	10 Jul 58	JETEVATOR TESTS	Williams, L.
3M112N9	18 Jun 58	STATIC FIRING OF ONE ROHM AND HAAS STATIC TEST MOTOR - TEST NO. 3	Storey, B.
3M112N10	10 Jul 58	PROPELLANT SLUMP OF A PROPELLANT SLUG IN A UTILITY TEST SECTION	Langston, R.
3M112N11	15 Jul 58	STATIC TESTING OF TWO 28-INCH EXPERIMENTAL ROCKET MOTORS	Langston, R.
3M120N1	21 Feb 58	STATIC TEST OF ONE MK4 MOD 2 JATO WITH VARIABLE NOZZLE THROAT AREA MECHANISM	Letimer, L.
3M120N2	20 May 58	STATIC TEST OF ONE JATO, M8 WITH VARIABLE NOZZLE THROAT AREA MECHANISM	Nix, J.
3M120N3	16 May 58	STATIC TEST OF ONE JATO, M8 WITH VARIABLE NOZZLE THROAT AREA MECHANISM	Nix, J.
3M122N1	5 May 58	FLICHT TESTING THE T132 ROCKET TO DETERMINE THE EFFECTS OF CYCLIC STORAGE BETWEEN -20°F AND 122°F	Horn, W.
3M122N2	11 Sep 58	FLICHT TESTING OF THE T132 ROCKET TO DETERMINE THE EFFECTS OF STORAGE AND CYCLING ON THE FLICHT PERFORMANCE	Horn, W.
3M124N5	3 Jan 58	FLICHT TESTING TO DETERMINE THE PEAK CARTRIDGE CASE PRESSURE OF THE T289 ROUND	Travers, C.
3M124N6	17 Jan 58	PRE-ENGINEERING TEST OF THE T2054 BD SD FUZE, ROUND NO. 212-213	Travers, G.
3M124N7	5 Feb 58	DETERMINATION OF THE EFFECT OF SPIN ON THE T-98 PRIMER AND TETRAL LEAD OF THE T-2054 BD SD FUZE	Buhrmaster, B.
3M124N8	5 Feb 58	FLICHT TESTING TO DETERMINE DAMAGE INFLICTED UPON TACTICAL TARGETS BY THE T287 ROCKET FIRED FROM THE T132 LAUNCHER	Travers, C. Buhrmaster, B. Ondrak, B.
3M124N9	10 Feb 58	FINAL DEVELOPMENT ENGINEERING TEST PROGRAM FOR ROCKET, BOOSTED, HE, 38MM, AIRCRAFT: T287 LAUNCHER, ROCKET, AUTOMATIC, 38MM; T132E2	Horn, W. Buhrmaster, B.
3M124N10	17 Jun 58	PRE-ENGINEERING TEST OF THE T132E2 AUTOMATIC LAUNCHER ROUND NOS. 1 THRU 581	Buhrmaster, B.
3M124N11	23 Jun 58	DYNAMIC FUNCTIONING OF THE BULOVA T-2054 BD SD FUZE	Buhrmaster, B.
3M124N12	30 Jun 58	FLICHT TESTING TO DETERMINE THE UPPER AND LOWER TEMPERATURE LIMITS OF THE T288 ROCKET	Buhrmaster, B.
3M124N13	10 Jul 58	FLICHT TESTING TO DETERMINE THE STATISTICAL QUALITY LEVEL OF A LOT OF 1900 T287 ROCKETS	Buhrmaster, B.

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3M136P	16 Apr 58	PROPOSED TEST PLAN FOR OPERATIONAL SUITABILITY (USE) TEST OF THE LACROSSE I TASK IV SYSTEM	Travers, G. Turner, R.
3M137F	5 Jun 58	STATIC TEST OF TWO JATOS, XM45	Storey, B.
3M137N1	5 Aug 58	STATIC TEST OF ONE JATO, XM45 - TEST NO. 8	Storey, B.
3M137N2	3 Dec 58	STATIC TEST OF ONE JATO, XM45 - TEST NO. 9	Mitchell, J.
3M137N3	31 Dec 58	STATIC TEST OF ONE JATO, XM45 - TEST NO. 10	Mitchell, J.
3M138	6 Jun 58	DEVELOPMENT OF IGNITER FOR LITTLEJOHN SPIN MOTOR	Zeman, S.
3M139P	18 Jun 58	FLIGHT TEST FOR T291 WEEVIL ROCKET BATCH CHECK	Gaines, D.
3M140N1	14 Oct 58	STATIC TESTS OF TWO BOMARC BOOSTER MOTORS	Wiedman, J.
3M140N2	17 Nov 58	STATIC TESTS OF TWO BOMARC BOOSTER MOTORS, NUMBERS 5 AND 7	Wiedman, J.
3M140N3	8 Dec 58	STATIC TESTS OF TWO BOMARC BOOSTER MOTORS, NUMBERS 9 AND 10	Wiedman, J.
3M140N4	17 Dec 58	STATIC TESTS OF TWO BOMARC BOOSTER MOTORS	Wiedman, J.
3M140N5	11 Dec 58	STATIC TEST OF BOMARC BOOSTER MOTOR, NUMBER 14	Wiedman, J.
3M140N6	11 Dec 58	STATIC TEST OF BOMARC BOOSTER MOTOR, NUMBER 13	Wiedman, J.
3M140N7	31 Dec 58	STATIC TEST OF BOMARC BOOSTER MOTOR, NUMBER 16	Wiedman, J.
3M140P	10 Sep 58	TEST OF ONE 28-INCH TEST MOTOR	Wiedman, J.
3M142N1	14 Oct 58	TWO JET VANE TESTS WITH ACTUATED VANES	Langston, R.
3M142N2	12 Nov 58	STATIC TESTS OF FIVE EXPERIMENTAL BOOSTER MOTORS	Langston, R.
3M142N3	19 Nov 58	STATIC TESTS OF THREE AUTOMET TEST VEHICLE SUSTAINER MOTORS	Langston, R.
3M142P	22 Aug 58	STATIC TESTS OF TWO JATOS, XM39 WITH ASPIRATING-TYPE NOZZLE	Lindeman, R.
3M143P	29 Aug 58	STATIC TEST OF TWO JATOS, M6A1, WITH PARTIALLY EVACUATED MOTOR CASES AND MODIFIED IGNITERS	Wiedman, J.
3M144P	5 Sep 58	STATIC TEST OF 31-INCH TEST MOTOR IN THE DEVELOPMENT OF LARGE SOLID PROPELLANT MOTOR	Langston, R.
3M145N1	12 Sep 58	FLEXIBLE NOZZLE TESTS USING TWO 31-INCH TEST MOTORS	Langston, R.
3M145N2	25 Nov 58	STATIC TEST OF ONE 28-INCH EXPERIMENTAL ROCKET MOTOR	Austin, R.
3M145N3	29 Dec 58	STATIC TEST OF ONE 28-INCH TEST MOTOR	Austin, R.

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3M146P	29 Sep 58	TEST PLAN FOR LOW-TEMPERATURE OPERATIONAL SUITABILITY TESTS (NON-FIRING) OF THE HONEST JOHN LIGHTWEIGHT TRANSPORTABLE SYSTEM AND THE XM50 ROCKET	Bunn, F.
3M147P	5 Dec 58	STATIC TEST OF THREE ZEUS BOOSTER MOTORS	Storey, B.
4M5N10	Jan 58	GUIDED MISSILE FLIGHT DATA SUMMARY	Benton, W.
4M5N11	Mar 58	GUIDED MISSILE FLIGHT DATA SUMMARY	Benton, W.
4M5N12	May 58	GUIDED MISSILE FLIGHT DATA SUMMARY	Benton, W.
4M5N13	Jul 58	GUIDED MISSILE FLIGHT DATA SUMMARY	Benton, W.
4M5N14	Dec 58	GUIDED MISSILE FLIGHT DATA SUMMARY	Benton, W.
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6M105	12 Nov 58	PHASE I FEASIBILITY STUDY OF TANK MOUNTED DAVY CROCKETT	
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3R8F	10 Oct 58	A SPECIAL APPLICATION OF THE THEORY OF INTERIOR BALLISTICS	Johnson, D. Farnell, R. Strickland, W.
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5R3F	10 Jan 58	MAXIMUM CARGO CAPABILITIES OF TRANSPORT VEHICLES	

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6R7F	10 Apr 58	FIRST AND SECOND ORDER PARTIAL DERIVATIVES OF FREE-FLIGHT RANGE AND TIME EQUATIONS FOR IMPACT ACCURACY OF BALLISTIC MISSILES	Johnston, S. Gilman, E.
6R8F	9 Apr 58	NORMAL FORCE, PITCHING MOMENT, AND CENTER OF PRESSURE OF SEVERAL SPHERICALLY BLUNTED CONES AT MACH NUMBERS OF 1.50, 2.18, 2.81, and 4.04	Marks, A.
6R9F	1 Mar 58	ON TEMPERATURE-INDEPENDENCE THRUST OF SOLID PROPELLANT MOTORS	Kramer, F.
6R10F	1 Feb 58	RANGE LIMITATION OF THE SINGLE-STAGE BALLISTIC MISSILE (LIQUID PROPELLANTS)	Kramer, F.
6R11F	12 Jun 58	EFFECT OF NOSE BLUNTNESS ON NORMAL FORCE, PITCHING MOMENT, AND CENTER OF PRESSURE OF CONE-CYLINDER AND CONE-CYLINDER-FRUSTUM BODIES OF REVOLUTION AT MACH NUMBERS OF 1.50, 2.18, 2.81, and 4.04	Henderson, J.
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3Y17w/Amend 1	3 Mar 58	OPERATIONAL CHARACTERISTICS OF THE HONEST JOHN HELICOPTER TRANSPORTABLE LAUNCHER SYSTEM	
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3Y23	15 Dec 58	REDUCTION OF METALLIC OXIDE SMOKE IN HIGH-PERFORMANCE PROPELLANT	Yee, T.
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4Y1SR58, Sec 1/3	6 Feb 58	STATUS OF RESEARCH AND DEVELOPMENT ON PROPELLANTS FOR ROCKETS AND GUIDED MISSILES. SECTION I - INTRODUCTION, SECTION II - SOLID PROPELLANTS, SECTION III - LIQUID PROPELLANTS.	Fohrell, E.
6Y1F	15 Feb 58	LIMITATIONS OF THE SINGLE-STAGE BALLISTIC MISSILE (LIQUID PROPELLANT)	Kramer, F.
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DA-TM-2-59	6 Jan 59	THE BI-ELLIPTICAL TRANSFER BETWEEN CIRCULAR COPLANAR ORBITS	Hoelker, R. Silber, R.
DA-TM-3-59	8 Jan 59	MERCURY PROJECT TRAJECTORY OUTLAY STUDIES OF REDSTONE-BASED FLIGHTS	Schrader, M. Jean, O.
DA-TM-4-59	8 Jan 59	FLUTTER ANALYSIS OF JUPITER AM #9	Ryan, R.
DA-TM-5-59	5 Jan 59	WIND TUNNEL DRAG AND STABILITY DATA FOR PROPOSED PERSHING WARHEAD CONFIGURATION	
DA-TM-6-59	6 Jan 59	AERODYNAMIC CHARACTERISTICS OF A PRELIMINARY PERSHING CONFIGURATION IN THE JPL 20-INCH SUPERSONIC WIND TUNNEL	Few, A. Gallagher, D.
DA-TM-7-59	20 Jan 59	FLUTTER ANALYSIS OF JUNO II	Pack, H.
DA-TM-8-59	20 Jan 59	VIBRATION ANALYSIS OF JUNO V (3&4)	Beasley, D.
DA-TM-9-59	21 Jan 59	PRELIMINARY TRAJECTORY DATA TEST FIRING OF MISSILE JUPITER CM-22 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	
DA-TM-11-59	23 Jan 59	CONTROL FACTORS FOR JUPITER MISSILE AM-13	Fahlke, C.
DA-TM-12-59	23 Jan 59	REVISED FLUTTER ANALYSIS MISSILE JUNO II 3LL	Ryan, R. Pack, H.
DA-TM-13-59	29 Jan 59	CONTROL FACTORS FOR JUPITER MISSILE CM-21	Terada, M.
DA-TM-14-59	29 Jan 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1011 IF FIRED UNDER AN AIMING AZIMUTH OF 358.17487°E FROM N	Young, M.
DA-TM-16-59	4 Feb 59	PRESETTINGS CORRECTION SCHEME FOR WINDS AND DENSITY VARIATIONS DURING DIVE PHASE OF BALLISTIC MISSILES	Dinjar, R.
DA-TM-17-59	4 Feb 59	TRAJECTORY DATA FOR THE TACTICAL (BLOCK I & BLOCK II) LONG RANGE JUPITER MISSILE	Leonard, E.

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DA-TM-18-59	4 Feb 59	VIBRATION ANALYSIS OF PERSHING MISSILE BLOCK 5 B/O/H	Ryan, R. Pack, H.
DA-TM-19-59	4 Feb 59	VIBRATION ANALYSIS OF PERSHING MISSILE BLOCK 3 B/I/H	Pack, H. Ryan, R.
DA-TM-20-59	5 Feb 59	TRAJECTORY DATA FOR THE TACTICAL (BLOCK I & BLOCK II) SHORT RANGE JUPITER MISSILE	Leonard, E.
DA-TM-21-59	4 Feb 59	WIND TUNNEL FORCE TEST RESULTS OF A PROPOSED PERSHING RE-ENTRY BODY	Few, A.
DA-TM-22-59	10 Feb 59	TRAJECTORY DATA FOR THE TACTICAL (BLOCK I & BLOCK II) MEDIUM RANGE JUPITER MISSILE	Leonard, E.
DA-TM-23-59	12 Feb 59	TWO PROBLEMS OF IMPULSE MINIMIZATION BETWEEN COPLANAR ORBITS	Silber, R. Horner, J.
DA-TM-24-59	14 Feb 59	AEROBALLISTICS EVALUATION OF TEST FLIGHT JUPITER C-49	Lindberg, J. Fulmer, C. Kurtz, F.
DA-TM-25-59	16 Feb 59	JUNO II - LUNAR PROBE FLIGHT AM-14; FLIGHT DYNAMICS AND FINAL TRAJECTORY	Schwaniger, A.
DA-TM-26-59	17 Feb 59	LUNAR PROBE TRAJECTORIES; CHARACTERISTICS AND TOLERANCES FOR COPLANAR FLIGHTS	Hoelker, R. Braud, N.
DA-TM-28-59	19 Feb 59	VIBRATION ANALYSIS OF JUNO V 8, 9, 10	Beasley, D.
DA-TM-29-59	27 Feb 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1016 IF FIRED UNDER AN AIMING AZIMUTH OF 358.16858°E FROM N	Bayless, E.
DA-TM-31-59	3 Mar 59	PRELIMINARY CONTROL FACTORS FOR JUPITER MISSILE AM-19	Snow, D.
DA-TM-32-59	10 Mar 59	JUNO V MISSILE (SATURN); PRELIMINARY FIRST STAGE CONTROL ANALYSIS FOR MISSILE SA-3 AND SA-4	McNair, L. Lisle, D.
DA-TM-33-59	13 Mar 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-7	Fulmer, C. Lindberg, J.
DA-TM-34-59	16 Mar 59	PRELIMINARY TRAJECTORY DATA TEST FIRING OF MISSILE JUPITER AM-19 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.
DA-TM-35-59	17 Mar 59	REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER CM-22A IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-36-59	10 May 59	EXPERIMENTAL STATIC LONGITUDINAL CHARACTERISTICS OF PROPOSED TELEVISION ASSESSMENT CAPSULE CONFIGURATIONS	Weaver, J.
DA-TM-41-59	4 Mar 59	AEROBALLISTIC FLIGHT TEST RESUME FOR REDSTONE CC-56	Rivett, J.
DA-TM-42-59	21 Mar 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-11	Kurtz, F. Fulmer, C.

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DA-TM-43-59	24 Mar 59	THE EQUATIONS AND DATA REQUIRED FOR JUKE BOX EVALUATION OF REDSTONE MISSILE PRESETTINGS; REVISED	Dinjar, R.
DA-TM-44-59	21 Mar 59	AEROBALLISTICS FLIGHT TEST RESUME FOR REDSTONE CC-57	Rivett, J.
DA-TM-45-59	21 Mar 59	AEROBALLISTICS FLIGHT TEST EVALUATION FOR REDSTONE CC-57	Tabish, D. Rivett, J.
DA-TM-46-59	30 Mar 59	SATURN PROJECT: TYPICAL TRAJECTORIES FOR ATLAS AND TITAN VERSIONS OF MISSILE #3 AND #8	Schmieder, D.
DA-TM-47-59	27 Mar 59	PRELIMINARY PROPELLANT SLOSHING ANALYSIS FOR JUNO V (8, 9, & 10)	Clark, C.
DA-TM-48-59	2 Apr 59	PRELIMINARY TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-12 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°D FROM N	Leonard, E.
DA-TM-49-59	7 Apr 59	SATURN MISSILE #8; FLIGHT PERFORMANCE FOR IGNITION FAILURE OF ONE ENGINE OF ATLAS-SECOND STAGE	Schmieder, D.
DA-TM-51-59	9 Apr 59	VIBRATION ANALYSIS OF SATURN 3, 4 (ATLAS SECOND STAGE)	Beasley, D.
DA-TM-52-59	9 Apr 59	OSCILLATIONS IN A CONNECTED FLUID SYSTEM	Bauer, H.
DA-TM-53-59	15 Apr 59	PRELIMINARY TRAJECTORY DATA TEST FIRING OF MISSILE JUPITER AM-18 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-54-59	20 Apr 59	SUMMARY OF PRELIMINARY AERODYNAMIC CHARACTERISTICS FOR THE MERCURY REDSTONE CONFIGURATION	Kannel, J.
DA-TM-55-59	29 Apr 59	PROJECT MERCURY-REDSTONE; PRELIMINARY STANDARD TRAJECTORY DATA	Braud, N. Jean, O.
DA-TM-56-59	1 May 59	VIBRATION ANALYSIS OF SATURN 8, 9, 10 (ATLAS VERSION)	Pack, H.
DA-TM-57-59	1 May 59	DAMPED OSCILLATIONS IN A CONNECTED FLUID SYSTEM	Bauer, H.
DA-TM-58-59	4 May 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1013 IF FIRED UNDER AN AIMING AZIMUTH OF 0.57448°E FROM N	Bayless, E.
DA-TM-59-59	4 May 59	C1 AND C2 VARIATIONS FOR LIGHT WARHEAD PERSHING	Golmon, J.
DA-TM-60-59	5 May 59	TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILES #2003 AND #2004 IF FIRED UNDER AN AIMING AZIMUTH OF 110.60155° OR 110.68648°E FROM N	Young, M.
DA-TM-61-59	12 May 59	VIBRATION ANALYSIS SATURN 1 AND 2	
DA-TM-62-59	19 May 59	INFLUENCE OF ASPECT RATIO AND WALL THICKNESS ON THE NATURAL FREQUENCY AND DEFLECTION OF CIRCULAR CYLINDRICAL BEAM INCLUDING SECONDARY EFFECTS	Bauer, H.

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DA-TM-64-59	25 May 59	JUNO II-MISSILE AM-16; FINAL TRAJECTORY DATA	Teague, R. Schrader, M.
DA-TM-65-59	26 May 59	CONTROL FEED-BACK FLUTTER ANALYSIS SATURN 3, 4 (ATLAS SECOND STAGE) USING EDCLIFF ANGLE-OF- ATTACK METER FOR ALPHA CONTROL	Ryan, R.
DA-TM-66-59	26 May 59	SATURN PROJECT: MISSILES SA-3 AND SA-4 WITH ATLAS SECOND STAGE: CONTROL ANALYSIS OF FIRST STAGE FLIGHT	McNair, L.
DA-TM-67-59	26 May 59	THE EFFECTIVE MOMENT OF INERTIA IN ROLL OF PROPELLANT AND ROLL DAMPING	Bauer, H.
DA-TM-68-59	27 May 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-13	Fulmer, C. Lindberg, J.
DA-TM-69-59	27 May 59	AERODYNAMIC CHARACTERISTICS FOR MERCURY JUPITER CONFIGURATION	Kannel, J.
DA-TM-70-59	1 Jun 59	TRAJECTORY DATA FOR THE TACTICAL (BLOCK I & BLOCK II) 1500 N. MI. RANGE JUPITER MISSILE	Young, M.
DA-TM-71-59	2 Jun 59	GEO-STATIONARY ORBITS: FLIGHT MECHANICAL SCHEME OF INJECTION PHASES	Horner, J. Silber, R.
DA-TM-72-59	8 Jan 59	VIBRATION ANALYSIS OF PERSHING MISSILE (GROUP I & II)	Beasley, D.
DA-TM-73-59	1 Jun 59	PRELIMINARY FLIGHT SAFETY DATA FOR THE MERCURY-REDSTONE PROJECT	Chereek, B.
DA-TM-74-59	4 Jun 59	PROJECT MERCURY-REDSTONE; PRELIMINARY CONTROL INVESTIGATION	Herring, J.
DA-TM-75-59	19 Jun 59	WEIGHT TOLERANCES FOR THE REDSTONE MISSILE IN FLIGHT CONDITION	Linsley, E.
DA-TM-76-59	22 Jun 59	REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-15 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.
DA-TM-77-59	23 Jun 59	WIND TUNNEL INVESTIGATION OF THE LONGITUDINAL STATIC STABILITY CHARACTERISTICS ON THE 2ND STAGE ASSEMBLY OF THE PRELIMINARY PERSHING CONFIGURATION	Pitcock, R.
DA-TM-79-59	26 Jun 59	AEROBALLISTICS JUPITER FLIGHT RESUMES	Honour, M.
DA-TM-80-59	29 Jun 59	FEASIBILITY STUDY FOR GEO-STATIONARY SATELLITE INJECTIONS WITH RESTRICTED LAUNCHING AZIMUTHS AND PARKING ORBIT STAY TIMES	Silber, R. Horner, J.
DA-TM-81-59	30 Jun 59	CALCULATION OF THE TRANSIENT MOLTEN FILM IN THE VICINITY OF THE FORWARD STAGNATION POINT ON THE SURFACE OF A VEHICLE DESCENDING THROUGH THE ATMOSPHERE	Adams, E.
DA-TM-82-59	1 Jul 59	THEORETICAL INVESTIGATION OF THE ABLATION OF A GLASS TYPE HEAT PROTECTION SHIELD AT THE STAGNATION POINT OF A REENTERING SATELLITE	Adams, E.

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DA-TM-83-59	1 Jul 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT CM-21	Fulmer, C. Lindberg, J.
DA-TM-84-59	30 Jun 59	HEIGHT VARIATION OF ISOBARIC SURFACES UP TO 3000 M HEIGHT OVER THE NORTHERN HEMISPHERE	Smith, O. Smith, J.
DA-TM-85-59	9 Jul 59	STANDARD TRAJECTORY DATA FOR SEVEN RANGES OF THE PERSHING MISSILE, PRELIMINARY TACTICAL CONFIGURATION	Brandon, P.
DA-TM-86-59	10 Jul 59	PRELIMINARY TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-19 IF FIRED UNDER AN AIMING AZIMUTH OF 109°E FROM N	Leonard, E.
DA-TM-87-59	10 Jul 59	BIOLOGICAL EXPERIMENT ACCELERATION ENVIRONMENT JUPITER MISSILE AM-18	Weisler, A. Hagood, C.
DA-TM-89-59	17 Jul 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-14	Fulmer, C. Lindberg, J. Kurtz, H.
DA-TM-90-59	22 Jul 59	VIBRATION ANALYSIS OF MERCURY PROJECT JUPITER	Beasley, D.
DA-TM-91-59	23 Jul 59	JUNO II - MISSILE AM-19B; FINAL TRAJECTORY DATA	Teague, R.
DA-TM-92-59	24 Jul 59	VIBRATION ANALYSIS OF MERCURY-REDSTONE PROJECT	Beasley, D.
DA-TM-93-59	1 Dec 59	THE VARICENTRIC METHOD OF SPACE FLIGHT CALCULATION WITH INTRODUCTION OF THE EPHEMERIDES	Miner, W. Sperling, H.
DA-TM-94-59	29 Jul 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-12	Fulmer, C. Lindberg, J.
DA-TM-95-59	30 Jul 59	TORSIONAL VIBRATION ANALYSIS OF SATURN 3, 4 (ATLAS SECOND STAGE)	Pack, H.
DA-TM-96-59	31 Jul 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-17	Fulmer, C. Lindberg, J.
DA-TM-97-59	4 Aug 59	ESTIMATED AERODYNAMIC CHARACTERISTICS OF MERCURY REDSTONE BOOSTER	Kannel, J.
DA-TM-98-59	4 Aug 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-18	Fulmer, C. Lindberg, J.
DA-TM-99-59	5 Aug 59	THE EFFECT OF DIVE PHASE WIND AND DENSITY VARIATIONS ON THE PERSHING MISSILE, PRELIMINARY TACTICAL CONFIGURATION	Brandon, P.
DA-TM-100-59	10 Aug 59	REVISED TRAJECTORY DATA-TEST FIRING OF MISSILE JUPITER AM-23 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.
DA-TM-101-59	11 Aug 59	FINAL CONTROL FACTORS FOR (JUNO II) MISSILE AM-19B (S-36)	Snow, D.
DA-TM-102-59	17 Aug 59	PRELIMINARY TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-24 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.



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DA-TM-103-59	19 Aug 59	CONTROL FACTORS FOR S-1 JUNO II MISSILE (AM-19A)	Dahlke, C.
DA-TM-104-59	20 Aug 59	GEO-STATIONARY ORBITS: FLIGHT-MECHANICAL OUTLAY AND ANALYSIS OF VERNIER-SCHEME FOR FINE-POSITIONS	Silber, R. Horner, J.
DA-TM-106-59	18 Dec 59	TREATMENT AND STATISTICAL EVALUATION OF THERMODYNAMIC ATMOSPHERIC QUANTITIES IN CLIMATOLOGY	Alfuth, W. Smith, O.
DA-TM-107-59	1 Sep 59	HIGH ALTITUDE (67km-86km) WINDS OVER JOHNSTON ISLAND	Vaughan, W.
DA-TM-108-59	26 Aug 59	CONTROL FACTORS FOR MERCURY REDSTONE	Kannel, J.
DA-TM-109-59	27 Aug 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1018 IF FIRED UNDER AN AIMING AZIMUTH OF 351.33411°E FROM N	Young, M.
DA-TM-110-59	31 Aug 59	CONTROL FLUTTER STABILITY ANALYSIS, SATURN 3, 4 (120" DIAMETER SECOND STAGE), FOR FIRST STAGE FLIGHT, USING ACCELEROMETERS AS ALPHA CONTROL	Ryan, R. Rees, J.
DA-TM-111-59	31 Aug 59	THEORETICAL INVESTIGATION OF THE ABLATION OF A GLASS TYPE HEAT PROTECTION SHIELD AT THE STAGNATION POINT OF A RE-ENTERING MISSILE	Adams, E.
DA-TM-112-59	1 Sep 59	TRAJECTORY DATA FOR THE TACTICAL JUPITER MISSILE (BLOCK I AND BLOCK II) IF FIRED UNDER AN AIMING AZIMUTH OF 250.622662°E FROM N	Young, M.
DA-TM-113-59	1 Sep 59	CONTROL STABILITY ANALYSIS, PERSHING GROUP I, USING ANGLE-OF-ATTACK METER FOR ALPHA CONTROL	Ryan, R.
DA-TM-116-59	3 Sep 59	CONTROL FEED-BACK STABILITY ANALYSIS OF PERSHING MISSILE #101 USING ACCELEROMETERS FOR ALPHA CONTROL	Ryan, R.
DA-TM-118-59	3 Sep 59	CONTROL FACTORS FOR JUPITER MISSILE AM-23	Snow, D.
DA-TM-119-59	10 Sep 59	JUNO II - MISSILE AM-19A; TRAJECTORY DATA	Teague, R. Lisle, B.
DA-TM-120-59	10 Sep 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-16	Lindberg, J.
DA-TM-121-59	15 Sep 59	PROJECT MERCURY-REDSTONE; ERROR ANALYSIS AND DISPERSION STUDY FOR TYPE II TRAJECTORY	Braud, N.
DA-TM-123-59	23 Sep 59	STANDARD FREE FLIGHT DATA FOR THE PERSHING MISSILE, GROUP 5, WITH BODY Y NOSE CONE CONFIGURATION	Brandon, P.
DA-TM-124-59	28 Sep 59	PRELIMINARY TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-25 IF FIRED UNDER AN AIMING AZIMUTH OF 109°E FROM N	

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DA-TM-125-59	28 Sep 59	REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER CM-31 IF FIRED UNDER AN AIMING AZIMUTH OF 109°E FROM N	Young, M.
DA-TM-126-59	2 Oct 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-15	Lindberg, J. Fulmer, C.
DA-TM-127-59	15 Nov 59	GLOBAL TEMPERATURE AND DENSITY PROFILES (1 km to 25 km) FOR MISSILE DESIGN AND PERFORMANCE STUDIES	Vaughan, W.
DA-TM-128-59	6 Oct 59	SATURN MISSILE; OPTIMUM CUTOFF ANGLE FOR LUNAR AND ESCAPE MISSIONS	Schmieder, D.
DA-TM-129-59	9 Oct 59	SATURN CONTROL FEEDBACK STABILITY ANALYSIS USING ACCELEROMETERS FOR ALPHA CONTROL (INCLUDING LOADING DUE TO SLOSHING PROPELLANT)	Ryan, R. Rees, J.
DA-TM-130-59	14 Oct 59	GEO-STATIONARY ORBIT: ANALYSIS OF INJECTION SCHEMES	Silber, R. Horner, J.
DA-TM-131-59	15 Oct 59	PRELIMINARY TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER CM-33 IF FIRED UNDER AN AIMING AZIMUTH OF 109°E FROM N	Young, M.
DA-TM-132-59	16 Oct 59	REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER CM-33 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Leonard, E.
DA-TM-133-59	16 Oct 59	CONTROL FEEDBACK FLUTTER ANALYSIS OF JUNO II USING ACCELEROMETERS FOR ALPHA CONTROL	Bagnall, F. Smith, J.
DA-TM-134-59	12 Nov 59	PRELIMINARY TRAJECTORY DATA-TESTING FIRING OF MISSILE JUPITER AM-32 IF FIRED UNDER AN AIMING AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-135-59	28 Oct 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #2011 IF FIRED UNDER AN AIMING AZIMUTH OF 351.35497°E FROM N	Young, M.
DA-TM-136-59	30 Oct 59	EXPERIMENTAL STATIC LONGITUDINAL STABILITY AND DRAG CHARACTERISTICS OF MERCURY-REDSTONE AND JUPITER MODELS	Windham, J. Feix, A.
DA-TM-137-59	15 Oct 59	LOCAL NORMAL FORCE COEFFICIENT DISTRIBUTION ON THE MERCURY-JUPITER AND MERCURY-REDSTONE CONFIGURATIONS	Romeo, F. Flynt, J.
DA-TM-138-59	20 Nov 59	DISTRIBUTION OF HYDROMETEORS WITH ALTITUDE FOR MISSILE DESIGN AND PERFORMANCE STUDIES	Vaughan, W.
DA-TM-139-59	3 Nov 59	MEANS FOR INITIATING THE RECOVERY OF THE MERCURY-REDSTONE BOOSTER	Terada, M.
DA-TM-140-59	4 Nov 59	PRELIMINARY TRAJECTORY DATA-TEST FIRING OF MISSILE JUPITER AM-26 IF FIRED UNDER AN AIMING AZIMUTH OF 109°E FROM N	Leonard, E.
DA-TM-142-59	5 Nov 59	SOME EXPERIMENTAL BASE PRESSURE RESULTS ON A PRELIMINARY SATURN AFTERBODY MODEL CONFIGURATION HAVING COLD SUPERSONIC AIR JETS	Few, A.

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DA-TM-143-59	10 Nov 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-23	Lindberg, J.
DA-TM-144-59	20 Nov 59	WIND TUNNEL INVESTIGATION OF THE LONGITUDINAL STATIC STABILITY CHARACTERISTICS OF PRELIMINARY PERSHING CONFIGURATIONS	Pfeiffer, A. Leyman, B.
DA-TM-145-59	18 Nov 59	PRELIMINARY TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #2022	Young, M.
DA-TM-146-59	19 Nov 59	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-19B	Fulmer, C. Lindberg, J. Kurtz, F.
DA-TM-147-59	24 Nov 59	ABMA SPACE VEHICLES	Geissler, E.
DA-TM-148-59	1 Dec 59	PERSHING PROJECT PRELIMINARY CONTROL ANALYSIS BASED ON LONG RANGE TRAJECTORY FOR TACTICAL VERSION	McNair, L.
DA-TM-150-59	8 Dec 59	TRAJECTORY DATA-TEST FIRING OF MISSILE JUPITER AM-30 IF FIRED ON A SHORT RANGE OF A MEDIUM RANGE	Young, M. Etheridge, O.
DA-TM-151-59	8 Dec 59	AEROBALLISTICS FLIGHT RESUMES JUPITER MISSILE	Neil, M.
DA-TM-152-59	8 Dec 59	DISPERSION OF ROTATING ROCKET CLUSTERS	Zettler-Seidel, P.
DA-TM-153-59	8 Dec 59	INVESTIGATION OF TOTAL TEMPERATURE MEASUREMENTS FROM JUPITER FLIGHTS	Billions, N.
DA-TM-154-59	18 Dec 59	ACTUAL TRAJECTORY OF JUPITER FLIGHT TEST AM-25	Sheats, J.
DA-TM-155-59	7 Dec 59	ACTUAL TRAJECTORY OF JUPITER FLIGHT TEST AM-24	Sheats, J.
DA-TM-156-59	3 Dec 59	ACTUAL TRAJECTORY FOR JUPITER TEST FLIGHT AM-19A	Naumcheff, M. Kurtz, F.
DA-TM-157-59	18 Dec 59	SATURN CONTROL STUDY FOR VARIOUS UPPER STAGE DIAMETERS	Jean, O. Sullivan, E.
DA-TM-158-59	18 Dec 59	ACTUAL TRAJECTORY OF JUPITER FLIGHT TEST CM-33	Ledford, H.
DA-TM-159-59	22 Dec 59	TRAJECTORY DATA-TEST FIRING OF MISSILE JUPITER AM-30 IF FIRED UNDER AN AIMINC AZIMUTH OF 110.66°E FROM N	Young, M.
DA-TM-160-59	29 Dec 59	REVISED TRAJECTORY DATA - TEST FIRING OF MISSILE JUPITER AM-28 IF FIRED UNDER AN AIMINC AZIMUTH OF 110.66°E FROM N	Young, M. Arban, H.
DA-TR-1-59	15 Jan 59	A COMPARISON OF IRBM TARGETING DATA COMPUTATION PROCEDURES	Baker, C.
DA-TR-2-59	15 Mar 59	A JET VANE TEST FIXTURE	Holderer, O. Clark, J.
DA-TR-3-59	22 Jan 59	RESUME OF MISSILE MEASURED WINDS AT CAPE CANAVERAL, FLORIDA	Reisig, C.
DA-TR-4-59	8 Apr 59	MODIFIED STODOLA METHOD INCLUDING ROTARY INERTIA AND SHEAR FLEXIBILITY	Rheinfurth, M.

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DA-TR-5-59	20 Apr 59	VARIATIONS FROM CIRCULAR ORBIT AS NONLINEARIZED FUNCTIONS OF THE INJECTION PARAMETERS	Silber, R.
DA-TR-6-59	26 May 59	THE BALLISTIC EVALUATION OF ROCKET ENGINE PERFORMANCE	Speer, F. Jackson, W.
DA-TR-7-59	18 Jun 59	LUNAR PROBES TRAJECTORIES: CHARACTERISTICS AND TOLERANCES FOR COPLANAR FLIGHTS	Hoelker, R. Braud, N.
DA-TR-8-59	19 Jun 59	ABMA CLIMATOLOGICAL RINGBOOK PART ONE, AMBIENT TEMPERATURE AS A FUNCTION OF ALTITUDE FOR TEN SELECTED STATIONS	
DA-TR-60-59	1 Sep 59	ABMA CLIMATOLOGICAL RINGBOOK PART TWO, AMBIENT DENSITY AS A FUNCTION OF ALTITUDE FOR TEN SELECTED STATIONS	
DA-TR-61-59	1 Sep 59	ABMA CLIMATOLOGICAL RINGBOOK PART THREE, AMBIENT PRESSURE-HEIGHT DATA AS A FUNCTION OF ALTITUDE FOR TEN SELECTED STATIONS	
DA-TR-62-59	28 Aug 59	THEORETICAL INVESTIGATION OF THE ABLATION OF A GLASS TYPE HEAT PROTECTION SHIELD AT THE STAGNATION POINT OF A RE-ENTERING SATELLITE	Adams, E.
DA-TR-63-59	2 Dec 59	THEORETICAL INVESTIGATION OF THE ABLATION OF A GLASS TYPE HEAT PROTECTION SHIELD AT THE STAGNATION POINT OF A RE-ENTERING MISSILE	Adams, E.
DA-TR-64-59	25 Sep 59	THE PRINCIPLES OF ARTIFICIAL STABILIZATION OF AERODYNAMICALLY UNSTABLE MISSILES	Hoelker, R.
DA-TR-65-59	13 Oct 59	METEOROLOGICAL RESUME FOR MISSILE JUPITER-15	Smith, J.
DA-TR-68-59	20 Nov 59	ANALYSIS OF DISCRETE ATMOSPHERIC GUST VELOCITY DATA FOR USE IN MISSILE DESIGN AND PERFORMANCE STUDIES	Vaughan, W.
DA-TR-69-59	4 Nov 59	METEOROLOGICAL RESUME FOR MISSILE JUPITER 19B	Smith, J.
DA-TR-70-59	2 Dec 59	IMPULSE MINIMIZATION FOR HOHMANN TRANSFER BETWEEN INCLINED CIRCULAR ORBITS OF DIFFERENT RADII	Silber, R. Horner, J.
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DC-TR-1-59	30 Mar 59	ON THE REPRESENTATION OF THE SOLUTIONS OF THE RESTRICTED PROBLEM OF THREE BODIES BY POWER-SERIES	Schulz-Arenstorff, R.
DC-TR-13-59	1 Jun 59	SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS OF THE ELLIPTIC TYPE BY THE METHOD OF SUCCESSIVE OVER-RELAXATIONS USING THE DIGITAL COMPUTER	Christensen, C.
DC-TR-15-59	15 Jun 59	THREE DIMENSIONAL EQUATIONS OF MOTION FOR THE TACTICAL JUPITER MISSILE IN AN ORDER APPLICABLE FOR DIGITAL COMPUTATION	Calhoun, F.
DC-TR-33-59	5 Jan 59	COMPUTER APPLICATION OF ENGINEERING DOCUMENTATION	Foutch, D., Sr. Henry, M.

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DFE-TM-01-59	28 Jan 59	INVESTIGATION OF POTTING COMPOUND - ENVIRONMENTAL REPORT #1 EP-1055	McCormick, W.
DFE-TM-02-59	9 Mar 59	MANUFACTURE OF ENDLESS CIRCUMFERENTIAL TUBES	Hoppe, R.
DFR-TM-03-59	3 Feb 59	CORRELATION OF MECHANICAL PROPERTIES DERIVED BY POWER SPINNING AND ROLLING	Basemeyer, E. Schuerer, P.
DFR-TM-04-59	16 Mar 59	EVALUATION OF FABRICATING TECHNIQUE FOR ALUMINUM ALLOY TYPE X5084	Wilson, W.
DFR-TM-05-59	18 Mar 59	EFFECT OF OFFSET IN ALUMINUM ALLOY WELDS	Wilson, W.
DFR-TM-09-59	7 May 59	FUSION WELDING OF X2219-16 ALUMINUM ALLOY	Daley, D.
DFR-TM-10-59	29 Jun 59	STUD WELDING PLUS ARMSTRONG A-6 ADHESIVE A JOINING METHOD FOR MISSILE USE	Daley, D.
DG-TM-1-59	30 Jan 59	NEW LOOK OF PLATFORM GIMBAL SYSTEMS IN BALLISTIC MISSILES	Mueller, F.
DG-TM-2-59	5 Jan 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-11 (TELEMETER REDUCTION)	
DG-TM-3-59	13 Jan 59	PROPOSED IONOSPHERE SATELLITE	Fisher, A.
DG-TM-5-59	21 Jan 59	SOLID FUEL VERNIER MOTOR PERFORMANCE	Milburn, H.
DG-TM-6-59	29 Jan 59	FEASIBILITY STUDY TO STORE CONTINUOUS PROGRAMS FOR MISSILE GUIDANCE	Currie, R. Gould, J.
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DG-TM-8-59	3 Jan 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-9 TEST FLIGHT	
DG-TM-9-59	30 Jan 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-11 (JUNO II) TEST FLIGHT	
DG-TM-10-59	13 Feb 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-CM-21 (TELEMETER REDUCTION)	
DG-TM-11-59	16 Feb 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-13 TEST FLIGHT	
DG-TM-12-59	13 May 59	GOOD GUIDANCE SIGNAL FOR REDSTONE WARHEAD ARMING SEQUENCE	
DG-TM-13-59	12 Mar 59	PRELIMINARY EVALUATION OF JUPITER MISSILE CM-21 TEST FLIGHT	Nicaise, P.
DG-TM-15-59	16 Mar 59	PRELIMINARY CONTROL LOOP FILTER DESIGN FOR BENDING MODE STABILITY ON PERSHING CONFIGURATION I WITH ACCELEROMETER CONTROL	Justice, D.
DG-TM-16-59	24 Mar 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE MISSILE J-CM-22 (TELEMETER REDUCTION)	
DG-TM-17-59	6 Apr 59	FEASIBILITY STUDY OF AN ATTITUDE CONTROL SYSTEMS FOR SPACE VEHICLES	Kennel, H. Brawe, G.

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DG-TM-18-59	23 Jul 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-14 TEST FLIGHT	Weyler, G.
DG-TM-19-59	6 May 59	PRELIMINARY EVALUATION OF JUPITER MISSILE CM-22	Wynn, S.
DG-TM-20-59	8 May 59	COMMENTS ON A NEW STABILITY CRITERION OF LINEAR SERVOMECHANISMS BY A GRAPHICAL METHOD	George, J.
DG-TM-22-59	27 May 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-12 (TELEMETER REDUCTION)	
DG-TM-23-59	3 Jun 59	PRELIMINARY EVALUATION OF JUPITER MISSILE CM-22A TEST FLIGHT	
DG-TM-24-59	17 Jun 59	A SET OF DIFFERENTIAL EQUATIONS APPLICABLE TO THE SIMULATION OF THE DYNAMIC EFFECTS OF FUEL SLOSHING IN THE TANKS OF THE MISSILE	Hosenthien, H. George, J.
DG-TM-25-59	12 Jun 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-17	
DG-TM-26-59	30 Jun 59	MECHANICAL, ELECTRICAL AND OPTICAL PROCEDURES FOR ASSEMBLY AND CHECKOUT OF VARIABLE LATITUDE FLOOR MOUNTED PLANETARY TEST STAND (ST-120) ADJUSTABLE FROM 12° TO 77° LATITUDE	Johnston, J.
DG-TM-27-59	23 Jun 59	MECHANICAL, ELECTRICAL AND OPTICAL PROCEDURES FOR ASSEMBLY AND CHECKOUT OF TURN-TILT TEST STAND (ST-120)	
DG-TM-29-59	8 Jul 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-18 (TELEMETER REDUCTIONS)	
DG-TM-30-59	24 Jul 59	THE EMPLOYMENT AND EVALUATION OF A NORTH SEEKING GYRO COMPASS FOR THE PERSHING LAYING SYSTEM	Roghe, W. Milde, H.
DG-TM-31-59	16 Jul 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-17 TEST FLIGHT	Wynn, S.
DG-TM-33-59	17 Aug 59	GUIDANCE AND CONTROL LABORATORY RIM AREA MAINTENANCE CONCEPT FOR PROGRAM DEVICE J MOD 0 (PART NO. 8960186) JUPITER IOC MISSILE	Frey, P.
DG-TM-34-59	5 Aug 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-18 TEST FLIGHT	Nicaise, P.
DG-TM-35-59	15 Aug 59	EFFECTS OF AIR FLOW THROUGH TURBINE FLOWMETERS DESIGNED FOR LIQUIDS	Smith, O. Woodward, D.
DG-TM-36-59	3 Nov 59	RIM AREA MAINTENANCE CONCEPT FOR TAIL DISTRIBUTOR (PART NO. 8967320) JUPITER IOC MISSILE	Frey, P.
DG-TM-37-59	3 Nov 59	RIM AREA MAINTENANCE CONCEPT FOR 1800 VA INVERTER MOD II (PART NO. 10326375) JUPITER IOC MISSILE	
DG-TM-39-59	15 Dec 59	RIM AREA MAINTENANCE CONCEPT FOR CONTROL VOLTAGE POWER SUPPLY (PART NO. 8965481) JUPITER IOC MISSILE	

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DG-TM-41-59	12 Nov 59	RIM AREA MAINTENANCE CONCEPT FOR PULSE TIMER (PART NO. 8965092) JUPITER IOC MISSILE	
DG-TM-42-59	15 Dec 59	RIM AREA MAINTENANCE CONCEPT FOR ANGLE-OF-ATTACK TRANSDUCER (RETRACTABLE) (PART NO. 8963835) JUPITER IOC MISSILE	
DG-TM-43-59	15 Dec 59	RIM AREA MAINTENANCE CONCEPT FOR 1800 VA INVERTER, MOD I (PART NO. 9861506) JUPITER IOC MISSILE	
DG-TM-45-59	5 Aug 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-15 TELEMETER REDUCTION	
DG-TM-47-59	14 Sep 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-16 TEST FLIGHT	Nicaise, P.
DG-TM-48-59	14 Sep 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-15 TEST FLIGHT	Wynn, S.
DG-TM-50-59	1 Dec 59	STABILITY REGIONS FOR AN ACCELEROMETER CONTROLLED MISSILE	Blanton, J.
DG-TM-52-59	15 Jul 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-12 TEST FLIGHT	Nicaise, P.
DG-TM-53-59	6 Nov 59	GUIDANCE AND CONTROL LABORATORY PRELIMINARY EVALUATION OF JUPITER MISSILE AM-23 FLIGHT TEST	Nicaise, P.
DG-TM-55-59	6 Oct 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-19 TEST FLIGHT	Wynn, S.
DG-TM-56-59	6 Oct 59	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-19B TEST FLIGHT	Nicaise, P.
DG-TM-57-59	21 Sep 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-19	
DG-TM-58-59	31 Dec 59	RIM AREA MAINTENANCE CONCEPT FOR BATTERY ASSEMBLY, REMOTELY ACTIVATED (PART NO. 8961516) JUPITER IOC MISSILE	
DG-TM-60-59	31 Dec 59	RIM AREA MAINTENANCE CONCEPT FOR SEPARATION BOX (PART NO. 8965249) JUPITER IOC MISSILE	
DG-TM-61-59	21 Oct 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-24	
DG-TM-62-59	1 Dec 59	A HIGH CAPACITY PAM-FM-FM TELEMETERING SYSTEM FOR THE SATURN BOOSTER	King, O.
DG-TM-63-59	1 Dec 59	SS-FM: A FREQUENCY DIVISION TELEMETRY SYSTEM WITH HIGH DATA CAPACITY	Frost, W. King, O.
DG-TM-64-59	9 Nov 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-CM-31	
DG-TM-65-59	4 Nov 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-19A	

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DG-TM-66-59	30 Nov 59	A COMPARISON OF INERTIAL GUIDANCE SYSTEMS FOR THE 24 HR COMMUNICATION SATELLITE	Rothe, W. Milde, H.
DG-TM-68-59	3 Dec 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-CM-33 (TELEMETER REDUCTION)	
DG-TM-69-59	21 Dec 59	STABILITY AND CONTROL CHARACTERISTICS FOR PERSHING GROUP I ACCELEROMETER CONTROLLED MISSILES	Blanton, J.
DG-TM-70-59	31 Dec 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-32 (TELEMETER REDUCTION)	
DG-TM-71-59	18 Dec 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-CM-24 (TELEMETER REDUCTION)	
DG-TM-175-58	5 Jan 59	TEST REPORT OF GAS TURBINE DRIVEN 28 VOLT DUAL GENERATOR POWER PLANT	Goodhue, W.
DG-TM-49-59	4 Sep 59	GUIDANCE COMPUTER INDICATIONS FOR JUPITER MISSILE J-AM-19B (TELEMETER REDUCTION)	
DG-TR-1-59	19 Jan 59	CAPACITY DIODE PARAMETRIC PERFORMANCE AND CIRCUIT DESIGN BY A FINITE CURRENTS METHOD	Fisher, A.
DG-TR-3-59	10 Apr 59	ABMA TEST RESULTS FOR RADIO RECEIVING SET AN/DRU-13 (XO-1)	Malone, L.
DG-TR-5-59	8 May 59	MISSILE 16-SATELLITE REFLECTIVITY TEST RESULTS	Bailey, G.
DG-TR-7-59	5 Jun 59	PROPOSAL FOR MERCURY-REDSTONE AUTOMATIC INFLIGHT ABORT SENSING SYSTEM	Brandner, F.
DG-TR-8-59	3 Sep 59	INSTRUMENTATION FOR THE IGY HEAVY SATELLITE	Bratcher, A.
DG-TR-11-59	26 Jun 59	COMMENTS ON JPL PUBLICATION 30-3 "A STUDY OF SPACE GUIDANCE REQUIREMENTS"	Claybourne, J. Rothe, W.
DG-TR-12-59	15 Sep 59	WILLOW POD TRACKING SYSTEM (WPTS)	Sanderlin, J.
DG-TR-14-59	Jun 59	DEVELOPMENT OF PRINTED CABLES AND CONNECTORS	
DI-10 Jun 59, V I & II	10 Jun 59	MISSILE FIRING HISTORIES, Volumes I and II	
DI-CC-124	12 Jan 59	STUDY OF SELECTED MISSILES ADAPTED TO BARGE OR RAILROAD UTILITY	
DI-TM-1-59	28 Jan 59	REDSTONE BOOSTER RECOVERY	Kellner, B. Anderson, E.
DI-TM-2-59	5 Jan 59	GUIDANCE FLEXIBILITY FOR THE JUPITER SYSTEM	
DI-TM-3-59	30 Jan 59	JUPITER TARGET DATA	
DI-TM-4-59	10 Aug 59	THE PRESENT CONCEPT OF MOBILITY AS REGARDS THE MINUTEMAN PROGRAM	Moore, P.
DI-TM-5-59	30 Sep 59	MISCELLANEOUS DATA ON SPACE RESEARCH/TEST VEHICLES, FIRINGS AND PROJECTS	Moore, P.
DI-TM-6-59	15 Nov 59	AN ANALYSIS OF THE DEGREE OF SUCCESS ATTAINED IN THE LAUNCHING OF LARGE BALLISTIC MISSILES	Anderson, E. Moore, P.
DI-TR-1-59	22 Jan 59	RAILROAD MOUNTED JUPITER MISSILE SYSTEM	



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DIR-TR-1-59	3 Jun 59	ORBIT AND SPACE TRAJECTORY DETERMINATION	
DLMF-TM-20-59	14 Jul 59	INVESTIGATION OF OIL CONTAMINATION IN COMPRESSED GASES	Centrell, T.
DLMF-TM-25-59	15 Sep 59	ANNIN VALVE AND PNEUMATIC RELAY COLD TEMPERATURE TESTS	Rhodes, C.
DLMF-TM-28-59	17 Nov 59	TEST REPORT ON FLEXIBLE HOSE ASSEMBLY USED ON GROUND FUEL START SYSTEM	Mainzer, A.
DLMT-TM-29-59	19 Oct 59	ENVIRONMENTAL TEST OF REDSTONE BODY UNIT CONDUCTED AT CAMP LEROY JOHNSON, LOUISIANA	Hooker, J.
DLMT-TM-21-59	28 Aug 59	ROAD ACCELERATIONS OF A JUPITER MISSILE DETROIT TO HUNTSVILLE	Jones, R. Kosis, A.
DLMT-TM-23-59	21 Sep 59	MOTION MEASUREMENTS DURING RAILROAD HEMPING USING ELASTIC TIE-DOWNS	Jones, R.
DLMT-TM-24-59	21 Sep 59	PRELIMINARY EVALUATION OF SHEAR MOUNTED RUBBER TIE-DOWN	Jones, R.
DLMT-TM-27-59	23 Oct 59	PRELIMINARY EVALUATION OF THE CLEJAN CAR	Jones, R. Behr, C.
DLMT-TM-58-58	5 Jan 59	JUNO V TRANSPORTATION FEASIBILITY STUDY	Hamilton, J. Fuller, J. Keyes, P.
DLMT-TR-2-59	15 Jan 59	REDSTONE AFT UNIT ROAD TEST	Jones, R.
DLMT-TR-3-59	26 Jan 59	AFT UNIT GASOLINE HEATER TEST	
DLMT-TR-5-59	20 Feb 59	ROAD TEST OF LOADED JUPITER TRANSPORTER	Jones, R.
DLO-TM-6-59	29 Apr 59	TRUE NORTH AZIMUTH FOR PLANETARY TEST STAND	Weaver, O.
DLO-TM-31-59	9 Dec 59	INVESTIGATION OF JUPITER ALIGNMENT UNIT RING DEFLECTIONS	Carl, W.
DLO-TM-32-59	9 Dec 59	FINAL REPORT ON THE TESTING OF THE JUPITER MISSILE LAYING SYSTEM	Cameron, F.
DLS-TM-26-59	1 Oct 59	PRELIMINARY FEASIBILITY STUDY ON RAIL MOBILE JUPITER WEAPON SYSTEM	Sparks, O.
DLS-TM-30-59	16 Nov 59	DEVELOPMENT AND PRESENTATION OF FUELING PROCEDURES FOR JUPITER IOC MISSILES BLOCKS I AND II	Cramblit, D.
DLS-TR-4-59	30 Apr 59	STUDY OF PERSHING SYSTEM USING WHEELED VEHICLES	Vowe, T.
DLS-TR-7-59	8 May 59	COLD WEATHER TEST OF JUPITER GSE COMPONENTS PHASE IVB EVALUATION EGLIN AFB, FLORIDA	Sanguinetti, M. Carnaggio, F.
DLS-TR-20-59	20 Feb 59	PROPOSED GROUND SUPPORT EQUIPMENT PLAN FOR MOBILE EMPLOYMENT OF THE JUPITER IRBM MISSILE	Sparks, O.
DMCR-3.0-59	10 Mar 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	
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DMCR-TR-2-59	14 Jan 59	FIRING TEST REPORT REDSTONE MISSILE CC-57	

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DMCR-TR-3.6-59	30 Mar 59	UNSATISFACTORY CONDITION REPORTS PART VI OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	
DMCR-TR-5-59	10 Feb 59	FIRING TEST REPORT JUPITER AM-13	
DMCR-TR-6.1-59	31 Mar 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	
DMCR-TR-6.6-59	30 Mar 59	UNSATISFACTORY CONDITION REPORTS PART VI OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	
DMCR-TR-7-59	2 Mar 59	FIRING TEST REPORT JUPITER MISSILE CM-21	
DMCR-TR-8.1-59	17 Apr 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	
DMCR-TR-8.5-59	26 May 59	UNSATISFACTORY CONDITION REPORTS PART V OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	
DMCR-TR-10.1-59	2 Jun 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	
DMCR-TR-10.5-59	11 Jun 59	UNSATISFACTORY CONDITION REPORTS PART V OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	
DMCR-TR-11.1-59	27 May 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	
DMCR-TR-11.5-59	11 Jun 59	UNSATISFACTORY CONDITION REPORTS PART V OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	
DMCR-TR-14.1-59	10 Jun 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	
DMCR-TR-14.5-59	26 Jun 59	UNSATISFACTORY CONDITION REPORTS PART V OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	
DMCR-TR-17.1-59	31 Jul 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE (JUNO II) AM-16	
DMCR-TR-18.1-59	22 Jul 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-15	
DMCR-TR-18.5-59	13 Aug 59	UNSATISFACTORY CONDITION REPORT PART V OF THE FIRING TEST REPORT JUPITER MISSILE AM-15	
DMCR-TR-19.1-59	10 Aug 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2003	
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DMCR-TR-30.1-59	14 Oct 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-24	
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DMCR-TR-48.1-59	24 Dec 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-32	
DMCR-TR-49.1-59	31 Dec 59	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-26	
DMG-6.5-59	6 Feb 59	MASTER OPERATIONAL SCHEDULE PART V OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	Moser, R.
DMG-30.4-59	9 Sep 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-24	Twigg, J.
DMG-TR-3.5-59	12 Feb 59	MASTER OPERATIONAL SCHEDULE PART V OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	Childs, D.
DMG-TR-8.4-59	23 Mar 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	Childs, D.
DMG-TR-10.4-59	16 Apr 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	Moser, R.
DMG-TR-12.4-59	28 Apr 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	Childs, D.
DMG-TR-14.4-59	19 May 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	Twigg, J.
DMG-TR-17.4-59	12 Jun 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-16	Childs, D.
DMG-TR-19.4-59	6 Jul 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT REDSTONE MISSILE 2003	Moser, R.
DMG-TR-20.4-59	6 Jul 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT REDSTONE MISSILE 2004	Moser, R.
DMG-TR-21.4-59	29 Jul 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-19B	Childs, D.
DMG-TR-24.4-59	1959	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-19	Twigg, J.
DMG-TR-27.4-59	31 Aug 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-23	Childs, D.

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DMG-TR-31.4-59	9 Sep 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUNO II MISSILE AM-19A	Moser, R.
DMG-TR-36.4-59	2 Oct 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE CM-31	Childs, D.
DMG-TR-40.4-59	21 Oct 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE CM-33	Twigg, J.
DMG-TR-41.4-59	2 Nov 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-25	Childs, D.
DMG-TR-49.4-59	3 Dec 59	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-26	Twigg, J.
DMM-TR-3.4-59	13 Mar 59	COMPONENT SETTINGS PART IV OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	Pickett, A.
DMM-TR-6.4-59	13 Mar 59	COMPONENT SETTING PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	Pickett, A.
DMMA-TR-3.1-59	19 Mar 59	FIRING SITE WEIGHT REPORT PART II OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	Sherrer, L. Martin, T.
DMMA-TR-4-59	2 Feb 59	FIRING SITE WEICHT REPORT JUPITER MISSILE CM-21	Sherrer, L.
DMMA-TR-6.3-59	16 Mar 59	FIRING SITE WEICHT REPORT PART II OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	Sherrer, L. Martin, T.
DMMA-TR-8.3-59	14 Apr 59	FIRING SITE WEIGHT REPORT PART II OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	Sherrer, L. Martin, T.
DMMA-TR-10.3-59	26 May 59	FIRING SITE WEICHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	Sherrer, L. Martin, T.
DMMA-TR-11.3-59	18 May 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	Sherrer, L. Martin, T.
DMMA-TR-14.3-59	8 Jun 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	
DMMA-TR-17.3-59	31 Jul 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE JUNO II AM-16	Sherrer, L. Martin, T.
DMMA-TR-18.3-59	22 Jul 59	FIRING SITE WEICHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-15	Sherrer, L. Martin, T.
DMMA-TR-19.3-59	12 Aug 59	FIRING SITE WEICHT REPORT PART III OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2003	Sherrer, L. Martin, T.
DMMA-TR-20.3-59	24 Aug 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2004	Sherrer, L. Martin, T.
DMMA-TR-21.3-59	9 Sep 59	FIRING SITE WEICHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE JUNO II AM-19B	Sherrer, L. Martin, T.
DMMA-TR-24.3-59	21 Sep 59	FIRING SITE WEICHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-19	Sherrer, L. Martin, T.

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DMMA-TR-27.3-59	8 Oct 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-23	Sherrer, L. Martin, T.
DMMA-TR-30.3-59	20 Oct 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-24	
DMMA-TR-31.3-59	9 Nov 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-19A	Martin, T.
DMMA-TR-36.3-59	13 Nov 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE CM-31	Martin, T.
DMMA-TR-40.3-59	24 Nov 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE CM-33	Martin, T.
DMMA-TR-41.3-59	22 Dec 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-25	Martin, T.
DMMA-TR-48.3-59	24 Dec 59	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-32	Martin, T.
DMQ-24.2b-59	7 Oct 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-19	Baylis, J. Hinds, N.
DMQ-TR-3.2b-59	15 Apr 59	INSTRUMENTATION OPERATION ANALYSIS PART IIIB OF THE FIRING TEST REPORT JUPITER MISSILE CM-22	Baylis, J.
DMQ-TR-6.2b-59	24 Apr 59	INSTRUMENTATION OPERATION ANALYSIS PART IIIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-14	Baylis, J.
DMQ-TR-8.2b-59	21 May 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	Baylis, J.
DMQ-TR-10.2b-59	8 Jul 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	Hinds, N. Baylis, J.
DMQ-TR-11.2b-59	19 Jun 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	Baylis, J. Hinds, N.
DMQ-TR-12-59	24 Jul 59	OPTICAL PAINT PATTERNS FOR BALLISTIC MISSILES	Thoman, C.
DMQ-TR-14.2b-59	20 Jul 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	Baylis, J. Hinds, N.
DMQ-TR-17.2b-59	17 Aug 59	INSTRUMENTATION OPERATIONAL ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE (JUNO II) AM-16	Baylis, J.
DMQ-TR-18.2b-59	4 Aug 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-15	Baylis, J. Hinds, N.
DMQ-TR-19.2b-59	24 Aug 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2003	Baylis, J. Hinds, N.
DMQ-TR-20.2b-59	8 Sep 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2004	Baylis, J. Hinds, N.

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DMQ-TR-21.2b-59	23 Sep 59	INSTRUMENTATION ON OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER AM-19B	Baylis, J. Hinds, N.
DMQ-TR-27.2b-59	3 Nov 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB FIRING TEST REPORT JUPITER MISSILE AM-23	Baylis, J.
DMQ-TR-30.2b-59	5 Nov 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-24	Baylis, J. Hinds, N.
DMQ-TR-31.2b-59	24 Nov 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-19A	Hinds, N. Baylis, J.
DMQ-TR-36.2b-59	8 Dec 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE CM-31	Baylis, J. Hinds, N.
DMQ-TR-40.2b-59	24 Dec 59	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE CM-33	Baylis, J. Hinds, N.
DMTR-TM-16-59	7 Jul 59	AZUSA IMPACT PREDICTOR PERFORMANCE HISTORY	Keene, L.
DMTR-TM-35-59	1959	CALCULATION OF BEAT-BEAT SAFETY CURVES	
DMTR-TR-3.2a-59	30 Jan 59	INSTRUMENTATION PLAN PART III FIRING TEST REPORT JUPITER MISSILE CM-22	Gwinn, R. Collins, D.
DMTR-TR-6.A-59	18 Feb 59	INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-14 (JUNO II)	Gwinn, R. Collins, D.
DMTR-TR-8.2a-59 w/Add	10 Mar 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE CM-22A	Gwinn, R. Collins, D.
DMTR-TR-10.2a-59	26 Mar 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-17	Gwinn, R.
DMTR-TR-11.2a-59	13 Apr 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-12	Gwinn, R. Collins, D.
DMTR-TR-13-59	29 Aug 59	HISTORY OF THE USE OF BALLISTIC CAMERAS IN THE ABMA MISSILE PROGRAM	Keene, L.
DMTR-TR-14.2a-59	30 Apr 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-18	Gwinn, R. Collins, D.
DMTR-TR-17.2a-59	29 May 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE (JUNO II) AM-16	
DMTR-TR-18.2a-59	18 Jun 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-15	Gwinn, R. Collins, D.
DMTR-TR-19.2a-59	23 Jun 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2003	Gwinn, R. Collins, D.

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DMTR-TR-20.2a-59	1 Jul 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT REDSTONE MISSILE CC-7004	Gwinn, R. Collins, D.
DMTR-TR-21.2a-59	10 Jul 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER (JUNO II) MISSILE AM-19B	Gwinn, R. Collins, D.
DMTR-TR-22-59	29 Jul 59	PROVISIONAL CONSOLIDATED JUPITER INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-19	Gwinn, R. Collins, D.
DMTR-TR-23-59	10 Aug 59	PROVISIONAL CONSOLIDATED JUPITER INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-19	Gwinn, R. Collins, D.
DMTR-TR-24.2a-59	28 Aug 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-19	Gwinn, R. Collins, D.
DMTR-TR-25-59	17 Aug 59	PROVISIONAL CONSOLIDATED JUPITER INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-23	Gwinn, R. Collins, D.
DMTR-TR-26-59	28 Aug 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-24	Gwinn, R. Collins, D.
DMTR-TR-27.2a-59	24 Sep 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-23	Gwinn, R. Collins, D.
DMTR-TR-28-59	10 Sep 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER (JUNO II) MISSILE AM-19A	Gwinn, R. Collins, D.
DMTR-TR-29-59	10 Sep 59	PROVISIONAL CONSOLIDATED JUPITER INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-23	Gwinn, R. Collins, D.
DMTR-TR-30.2a-59	6 Oct 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-24	Gwinn, R. Collins, D.
DMTR-TR-31.2a-59	3 Nov 59	CONSOLIDATED JUPITER INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER (JUNO II) MISSILE AM-19A	Gwinn, R. Collins, D.
DMTR-TR-32-59	18 Sep 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE CM-31	Gwinn, R. Collins, D.
DMTR-TR-33-59	18 Sep 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-24	Gwinn, R. Collins, D.
DMTR-TR-34-59	29 Sep 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-25	Gwinn, R. Collins, D.
DMTR-TR-36.2a-59	3 Nov 59	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE CM-31	Gwinn, R. Collins, D.
DMTR-TR-37-59	9 Oct 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE CM-33	Gwinn, R. Collins, D.
DMTR-TR-38-59	12 Oct 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE CM-31	Gwinn, R. Collins, D.

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DMTR-TR-39-59	9 Oct 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER (JUNO II) MISSILE AM-19A	Gwinn, R. Collins, D.
DMTR-TR-40.2a-59	13 Nov 59	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE CM-33	Gwinn, R. Collins, D.
DMTR-TR-41.2a-59	24 Nov 59	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-25	Gwinn, R. Collins, D.
DMTR-TR-44-59	16 Nov 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-25	Gwinn, R. Collins, D.
DMTR-TR-45-59	18 Nov 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-32	Gwinn, R. Collins, D.
DMTR-TR-46-59	27 Nov 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-26	Gwinn, R. Collins, D.
DMTR-TR-47-59	2 Dec 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-32	Gwinn, R. Collins, D.
DMTR-TR-48.2a-59	14 Dec 59	CONSOLIDATED INSTRUMENTATION PLAN PART IIA FIRING TEST REPORT JUPITER MISSILE AM-32	Gwinn, R. Collins, D.
DMTR-TR-49.2a-59	18 Dec 59	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-26	Gwinn, R. Collins, D.
DMTR-TR-50-59	11 Dec 59	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-26	Gwinn, R. Collins, D.
DR-TM-30-59	12 Oct 59	UNSATISFACTORY CONDITION REPORT SUMMARY FROM THE INTEGRATED WEAPONS SYSTEM TRAINING SITE FOR THE PERIOD 1 APRIL-1 OCTOBER 1959	Richardson, J.
DRM-TM-39-59	15 Jan 59	FINAL ALIGNMENT REPORT, AM-106	Walker, J.
DRM-TM-42-59	13 Jan 59	FINAL ALIGNMENT REPORT, AM-107	Walker, J.
DRM-TM-44-59	5 Feb 59	FINAL ALIGNMENT REPORT, AM-14	Walker, J.
DRM-TM-47-59	5 Feb 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-14	Lovell, C. Fisher, A.
DRM-TM-48-59	11 Feb 59	FINAL ALIGNMENT REPORT, AM-108	Walker, J.
DRM-TM-49-59	13 Feb 59	FINAL ALIGNMENT REPORT, AM-109	Walker, J. Smith, J.
DRM-TM-50-59	13 Feb 59	FINAL ALIGNMENT REPORT, AM-110	Walker, J.
DRM-TM-51-59	19 Feb 59	FINAL ALIGNMENT REPORT, AM-112	Smith, J.
DRM-TM-57-59	24 Mar 59	FINAL ALIGNMENT REPORT, AM-111	Smith, J.
DRM-TM-58-59	1 Apr 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-17	Foster, R. Fisher, A.
DRM-TM-60-59	2 Apr 59	FINAL ALIGNMENT REPORT, AM-17	Walker, J. Smith, J.



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DRM-TM-63-59	13 Apr 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-12	Lovell, C. Fisher, A.
DRM-TM-64-59	14 Apr 59	FINAL ALIGNMENT REPORT, AM-12	Walker, J. Smith, J.
DRM-TM-66-59	25 Apr 59	FINAL ALIGNMENT REPORT, AM-18	Smith, J.
DRM-TM-67-59	25 Apr 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-18	Lovell, C. Fisher, A.
DRM-TM-70-59	14 May 59	FINAL ALIGNMENT REPORT, AM-16	
DRM-TM-71-59	14 May 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-16	Lovell, C. Fisher, A.
DRM-TM-72-59	28 May 59	SURVEY OF DEFECT REPORT ISSUED BY THE ASSEMBLY ANALYSIS AND TEST SECTION AGAINST MISSILES AM-5 TO AM-14 AND AM101 TO AM-112	Lieb, F. Baker, R. Mitchell, S.
DRM-TM-73-59	10 Jun 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING MISSILE AM-15	Lovell, C. Fisher, A.
DRM-TM-74-59	10 Jun 59	FINAL ALIGNMENT REPORT, AM-15	Walker, J.
DRM-TM-75-59	11 Jan 59	S-3D ENGINE ALIGNMENT	Hendricks, E.
DRM-TM-77-59	14 Jul 59	FINAL ALIGNMENT, AM-19B	Smith, J.
DRM-TM-78-59	13 Jul 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING MISSILE AM-19B	Fisher, A. Lovell, C.
DRM-TM-79-59	3 Aug 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING MISSILE AM-19	Lovell, C. Fisher, A.
DRM-TM-80-59	29 Jul 59	FINAL MECHANICAL ANALYSIS FOR AM-108 THRUST UNIT	Lovell, C. Fisher, A.
DRM-TM-81-59	30 Jul 59	FINAL ALIGNMENT REPORT, AM-19	Smith, J.
DRM-TM-83-59	14 Aug 59	FINAL ALIGNMENT REPORT, AM-23	Smith, J.
DRM-TM-84-59	20 Aug 59	FINAL ALIGNMENT REPORT, AM-19A	Smith, J.
DRM-TM-87-59	21 Aug 59	FINAL MECHANICAL ANALYSIS OF AM-111 THRUST UNIT	Lovell, C. Fisher, A.
DRM-TM-88-59	31 Aug 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-24	Lovell, C. Fisher, A.
DRM-TM-89-59	9 Sep 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-19A	Lovell, C. Fisher, A.
DRM-TM-90-59	30 Sep 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-25	Lovell, C. Fisher, A.
DRM-TM-91-59	25 Sep 59	FINAL ALIGNMENT REPORT, AM-25	Smith, J.
DRM-TM-93-59	14 Oct 59	FINAL MECHANICAL ANALYSIS OF MISSILE AM-112 PRIOR TO STORAGE	Foster, R. Fisher, A.

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DRM-TM-94-59	9 Nov 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-26	Lovell, C. Fisher, A.
DRM-TM-95-59	28 Oct 59	FINAL ALIGNMENT REPORT, AM-26	Smith, J.
DRM-TM-96-59	29 Oct 59	FINAL MECHANICAL ANALYSIS OF AM-109 THRUST UNIT	Foster, R. Fisher, A.
DRM-TM-97-59	12 Nov 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-32	LoveII, C. Fisher, A.
DRM-TM-98-59	10 Nov 59	FINAL ALIGNMENT REPORT, AM-32	Walker, J.
DRM-TM-99-59	25 Nov 59	FINAL MECHANICAL ANALYSIS OF MISSILE AM-114	Foster, R. Fisher, A.
DRM-TM-100-59	27 Nov 59	FINAL MECHANICAL ANALYSIS OF MISSILE AM-115 PRIOR TO STORAGE	Foster, R. Fisher, A.
DRM-TM-101-59	29 Dec 59	FINAL MECHANICAL ANALYSIS FOR LAUNCHING, AM-28	Lovell, C. Fisher, A.
DRM-TM-102-59	16 Dec 59	FINAL ALIGNMENT REPORT, AM-28	Kerr, W.
DRP-TM-1-59	21 Jan 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-106	Hale, S.
DRP-TM-2-59	21 Jan 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-107	Hale, S.
DRP-TM-3-59	4 Feb 59	JUPITER IOC GUIDANCE AND CONTROL CHECKOUT ANALYSIS (TOLERANCES AND SPECIFICATIONS)	
DRP-TM-4-59	5 Feb 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-14	Hale, S.
DRP-TM-5-59	21 May 59	JUPITER MISSILE AM-108 - FINAL ACCEPTANCE TEST REPORT	Hale, S.
DRP-TM-6-59	22 May 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-109	Hale, S.
DRP-TM-7-59	17 Mar 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-110	Hale, S.
DRP-TM-9-59	17 Apr 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-12	Hale, S.
DRP-TM-10-59	8 Apr 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-17	Hale, S.
DRP-TM-12-59	4 May 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-18	
DRP-TM-13-59	27 May 59	TEST REPORT JUPITER MISSILE AM-111	Hale, S.
DRP-TM-15-59	1 Jun 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-16	Hale, S.
DRP-TN-1-59	1 Oct 59	MAJOR COMPONENT SERIAL LIST MISSILE AM-23	

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DRR-TM-2-60	22 Sep 59	PRELIMINARY OVERALL ENVIRONMENTAL REQUIREMENTS FOR SATURN BOOSTER GENERAL SPECIFICATION	Fiquett, C.
DRR-TM-9-59	17 Apr 59	A COMPILATION OF REDSTONE ENVIRONMENTAL DATA	Eldridge, C. Reaves, J.
DRR-TM-10-59	17 Apr 59	A COMPILATION OF JUPITER ENVIRONMENTAL DATA	Eldridge, C. Reaves, J.
DRR-TM-11-59	1959	JUPITER MISSILES FIRST QUARTER 1959-QUALITY REPORT #8	
DRR-TM-24-59	3 Sep 59	ENVIRONMENTAL EVALUATION TEST OF PRINTED CIRCUIT CONNECTORS	Honeycutt, F.
DRR-TM-26-59	9 Sep 59	A-7 ENGINE HOWLING INJECTOR INVESTIGATION	Schwan, P.
DRR-TM-27-59	20 Aug 59	TEST REPORT EVALUATION TEST AN/DPN-55, RADAR BEACON	Duncan, B.
DRR-TM-32-59	17 Nov 59	HUMIDITY AND HIGH TEMPERATURE TESTS FOR RELAY SOCKETS, ARNEL HRSS-35	Gregory, L.
DRR-TR-1-59	17 Jun 59	FOLLOW-UP ACTION REPORT #17 ON UNSATISFACTORY CONDITION REPORTS FROM MISSILE FIRING LABORATORY AND TEST LABORATORY	
DRT-TM-1-59	10 Jun 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-15	Brooks, E.
DRT-TM-2-59	8 Jul 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-19B	
DRT-TM-3-59	5 Aug 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-19	Brooks, E.
DRT-TM-4-59	12 Aug 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-23	Brooks, E.
DRT-TM-6-59	28 Aug 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-24	
DRT-TM-7-59	31 Aug 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-19A	
DRT-TM-9-59	8 Oct 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-25	Brooks, E.
DRT-TM-10-59	13 Nov 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-26	
DRT-TM-11-59	13 Nov 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-32	
DRT-TM-12-59	1 Dec 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-28	Brooks, E.
DRT-TM-14-59	29 Dec 59	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-30	Brooks, E.

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DSD-TM-1-59	16 Jan 59	MEASUREMENT CONTROL STUDIES AND CHARTS FOR JUPITER AM MISSILES	Hopkins, C.
DSD-TM-2-59	2 Feb 59	PRELIMINARY FLIGHT REPORT JUPITER MISSILE CM-21	Askew, W. Vaughan, O.
DSD-TM-3-59	9 Feb 59	PREDICTION OF BOOSTER FLIGHT PERFORMANCE AND ASSOCIATED SYSTEMS FOR JUPITER CM-22	McKay, G. Earle, J.
DSD-TM-4-59	4 Feb 59	PREDICTED BOOSTER FLIGHT PERFORMANCE FOR JUPITER AM-14 (JUNO II)	Askew, W. Earle, J.
DSD-TM-5-59	22 Feb 59	COOLING SYSTEM FOR THE AZUSA TRANSPONDER IN THE AFT UNIT INSTRUMENT COMPARTMENT OF THE JUPITER R&D MISSILES AM-23, 24, 25, 26, 28, 30, 32 & CM-27, 31, 33	Cothran, C.
DSD-TM-6-59	6 Mar 59	FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS JUPITER AM-6A	Williamson, H.
DSD-TM-7-59	6 Mar 59	PRELIMINARY FLIGHT EVALUATION OF JUPITER MISSILE CM-22	Askew, W. Vaughan, O.
DSD-TM-8-59	4 Jun 59	COOLING SYSTEM FOR DUAL ST-90 STABILIZED PLATFORM FOR AFT UNIT OF JUPITER R&D MISSILE	Burns, R.
DSD-TM-9-59	7 May 59	A STUDY OF THE FUEL TEMPERATURE HISTORY OF THE JUPITER IOC MISSILE, BLOCKS I AND II, UNDER COLD ENVIRONMENTAL CONDITIONS	Jordan, W. Burrows, D.
DSD-TM-10-59	17 Apr 59	PNEUMATIC SUPPLY SYSTEM FOR THE ST-90 STABILIZED PLATFORM WITH PERFORMANCE SPECIFICATIONS	Streit, A.
DSD-TM-11-59	30 Apr 59	PRELIMINARY ANALYSIS OF MISSILE POWER UNIT FLIGHT PERFORMANCE AND LAUNCHING REQUIREMENTS FOR JUPITER IOC BLOCKS I & II	Saucier, S. McKay, G.
DSD-TM-12-59	14 Apr 59	PRELIMINARY FLIGHT EVALUATION OF JUPITER MISSILE CM-22A	Askew, W. Vaughan, O.
DSD-TM-13-59	13 May 59	PREDICTED POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-16 (JUNO II)	McKay, G. Earle, J.
DSD-TM-14-59	18 May 59	PRELIMINARY FLIGHT EVALUATION OF JUPITER MISSILE AM-12	Askew, W. Vaughan, O.
DSD-TM-15-59	27 May 59	PRELIMINARY FLIGHT EVALUATION OF JUPITER MISSILE AM-17	Askew, W. Vaughan, O.
DSD-TM-16-59	10 Jun 59	PRELIMINARY FLIGHT EVALUATION OF JUPITER MISSILE AM-18	Askew, W. Vaughan, O.
DSD-TM-17-59	12 Jun 59	PREDICTED OF POWER UNIT FLIGHT PERFORMANCE FOR JUPITER MISSILE AM-15	McKay, G. Turner, R.
DSD-TM-18-59	25 Jun 59	PREDICTION OF POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-19	McKay, G. Igou, J.
DSD-TM-19-59	30 Jun 59	PREDICTED POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-19B (JUNO II)	McKay, G. Earle, J.

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DSD-TM-20-59	28 Jul 59	HANDLING PROCEDURE OUTLINE FOR SOLID PROPELLANT VERNIER MOTOR TX-83	Wear, L.
DSD-TM-21-59	28 Jul 59	HANDLING PROCEDURE OUTLINE FOR SOLID PROPELLANT SPIN MOTOR TX-148	Wear, L.
DSD-TM-22-59	23 Jul 59	ANALYSIS OF THE FLOW CHARACTERISTICS OF THE FUEL INTERCHANGE SYSTEM FOR THE SATURN MISSILE	McKay, G. Black, P.
DSD-TM-23-59	1 Sep 59	PREDICTED POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-19A (JUNO II)	McKay, G. Earle, J.
DSD-TM-24-59	24 Sep 59	LN <sub>2</sub> EXTERNAL COOLING SYSTEM FOR INSTRUMENTATION IN THE AFT UNIT OF MERCURY-REDSTONE MISSILE	Langston, W.
DSD-TM-25-59	1 Oct 59	JUPITER BASE PLATE HEATING	Fitzpatrick, E.
DSD-TM-26-59	10 Dec 59	HEAT TRANSFER COEFFICIENT FOR A HORIZONTAL TUBE OF ELLIPTIC CROSS-SECTION IN A CONDENSING MEDIUM	Liu, C.
DSD-TM-27-59	15 Oct 59	DEVELOPMENT OF EXTERNAL ENVIRONMENTAL CONTROL SYSTEM FOR MERCURY-REDSTONE INSTRUMENT COMPARTMENT	Langston, W.
DSD-TM-28-59	30 Dec 59	THE DEVELOPMENT OF THE LN <sub>2</sub> INSTRUMENT COMPARTMENT COOLING SYSTEM FOR THE TACTICAL AND R&D JUPITER MISSILES	Cothran, C. Dombroski, H.
DSD-TM-29-59	28 Dec 59	SATURN BASE PLATE THERMAL RADIATIVE CALCULATION PROCEDURES	Fitzpatrick, E.
DSD-TM-30-59	29 Dec 59	PREDICTED POWER UNIT FLIGHT PERFORMANCE FOR JUPITER AM-19C (JUNO II)	McKay, G. Earle, J.
DSD-TR-1-59	23 Jan 59	TEMPERATURE AND PRESSURE CONTROL SYSTEMS FOR GUIDANCE AND CONTROL EQUIPMENT AND COVER UNIT ASSEMBLY SKIN TEMPERATURE DATA JUPITER MISSILE AM-11 (JUNO II)	Thionnet, C. Emanuel, G.
DSD-TR-2-59	17 Feb 59	AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE CC-39	Emanuel, G.
DSD-TR-3-59	10 Mar 59	JUPITER MISSILE AM-13 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA LAUNCHING NO. 13 ON 13 DECEMBER 1958	Hopkins, C. Eret, D.
DSD-TR-4-59	11 Mar 59	JUPITER MISSILE CM-21 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEM REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA LAUNCHING NO. 14 ON 21 JANUARY 1959	Thionnet, C.
DSD-TR-6-59	11 Mar 59	JUPITER MISSILE CM-21 - FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Cobb, W.
DSD-TR-7-59	25 Mar 59	JUPITER MISSILE AM-14 (JUNO II) THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS FOR GUIDANCE AND CONTROL EQUIPMENT AND COVER ASSEMBLY SKIN TEMPERATURE DATA	Thionnet, C.

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DSD-TR-8-59	1 Apr 59	JUPITER MISSILE AM-14 (JUNO II) FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Cobb, W.
DSD-TR-9-59	1 Apr 59	FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS JUPITER AM-9	Williamson, H.
DSD-TR-10-59	13 Apr 59	JUPITER MISSILE CM-22 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEM REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, ENVIRONMENT TEMPERATURES, PRESSURES, AND SPECIAL MEASUREMENTS LAUNCHING NO. 15 ON 27 FEBRUARY 1959	Emanuel, G.
DSD-TR-11-59	16 Apr 59	JUPITER MISSILE CM-22 FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Varnedoe, E.
DSD-TR-12-59	3 May 59	REDSTONE MISSILE CC-39 FLIGHT EVALUATION SYSTEMS REPORT OF PROPULSION AND ASSOCIATED SYSTEMS LAUNCHING NO. 31 ON 2 OCTOBER 1957	Emanuel, G.
DSD-TR-13-59	19 May 59	JUNO II-LUNAR PROBE FLIGHT AM-11 LAUNCHED ON 6 DECEMBER 1958 FLIGHT EVALUATION OF FIRST STAGE PROPULSION AND ASSOCIATED SYSTEMS	Clarke, W. Fitzpatrick, W.
DSD-TR-14-59	15 May 59	SUMMARY REPORT ON PERSHING AERODYNAMIC HEATING PART I	Scholten, W.
DSD-TR-15-59	28 May 59	REDSTONE MISSILE CC-41 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS LAUNCHING NO. 32 ON 30 OCTOBER 1957	Thionnet, C.
DSD-TR-16-59	18 May 59	FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS JUPITER MISSILE AM-7	Clarke, W. Cobb, W.
DSD-TR-17-59	29 May 59	JUPITER MISSILE AM-13 FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Varnedoe, E.
DSD-TR-18-59	15 May 59	JUPITER MISSILE CM-22A THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, ENVIRONMENT TEMPERATURES, PRESSURES, AND SPECIAL MEASUREMENTS	Hopkins, C.
DSD-TR-20-59	12 Jun 59	JUPITER MISSILE CM-22A FINAL FLIGHT EVALUATION PROPULSION UNIT AND ASSOCIATED SYSTEMS	Williamson, H.
DSD-TR-21-59	15 Jun 59	JUPITER MISSILE AM-12 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA LAUNCHING NO. 18 ON 6 MAY 1959	Thionnet, C.
DSD-TR-22-59	29 Jun 59	REDSTONE MISSILE CC-37 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS LAUNCHING NO. 28 ON 25 JULY 1957	Thionnet, C.
DSD-TR-23-59	30 Jun 59	PERFORMANCE EVALUATION UNIT SYSTEMS REPORT OF PROPULSION AND ASSOCIATED SYSTEMS OF JUPITER C MISSILE CC-40 LAUNCHING NO. 29 ON 8 AUGUST 1957	Emanuel, G.

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DSD-TR-24-59	29 Jun 59	JUPITER MISSILE AM-17 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, AND SPECIAL MEASUREMENTS LAUNCHINC NO. 19 ON 14 MAY 1959	Eret, D.
DSD-TR-25-59	21 Jul 59	JUPITER MISSILE AM-3A FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Elston, B. Thionnet, C.
DSD-TR-26-59	18 Aug 59	JUPITER MISSILE AM-4 FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Elston, B.
DSD-TR-27-59	17 Jul 59	JUPITER MISSILE AM-18 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT OF TEMPERATURE AND PRESSURE CONTROL SYSTEMS, AND SPECIAL MEASUREMENTS LAUNCHINC NO. 20 ON 28 MAY 1959	Emanuel, G.
DSD-TR-28-59	7 Jul 59	JUPITER MISSILE AM-17 FLIGHT EVALUATION OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Cobb, W.
DSD-TR-29-59	9 Jul 59	JUPITER MISSILE AM-3 FLIGHT EVALUATION OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Owens, J. Clarke, W. Johnston, C.
DSD-TR-30-59	23 Jul 59	JUPITER MISSILE AM-12 FINAL FLIGHT REPORT PROPULSION UNIT AND ASSOCIATED SYSTEMS	Varnedoe, E.
DSD-TR-32-59	28 Jul 59	JUPITER MISSILE AM-18 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Williamson, H.
DSD-TR-33-59	31 Jul 59	PERFORMANCE EVALUATION UNIT SYSTEMS REPORT OF PROPULSION AND ASSOCIATED SYSTEMS OF JUPITER C MISSILE CC-49 LAUNCHINC NO. 47 ON 22 OCTOBER 1958	Hopkins, C. Vaughan, O.
DSD-TR-34-59	14 Aug 59	JUPITER MISSILE AM-16 (JUNO II) THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS FOR GUIDANCE AND CONTROL EQUIPMENT AND COVER ASSEMBLY SKIN TEMPERATURE DATA LAUNCHINC NO. 22 ON 16 JULY 1959	Thionnet, C.
DSD-TR-35-59	18 Aug 59	JUPITER MISSILE AM-16 (JUNO II) FLIGHT EVALUATION OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Johnston, C.
DSD-TR-36-59	21 Aug 59	JUPITER MISSILE AM-15 FLIGHT EVALUATION OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Cobb, W.
DSD-TR-37-59	3 Sep 59	JUPITER MISSILE AM-15 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS ENVIRONMENT TEMPERATURES, PRESSURES, AND SPECIAL MEASUREMENTS LAUNCHINC NO. 21 ON 9 JULY 1959	Elston, B.
DSD-TR-38-59	18 Sep 59	TEMPERATURE AND PRESSURE CONTROL SYSTEMS, ENVIRONMENT TEMPERATURES AND SHROUD SKIN TEMPERATURE MEASUREMENTS	Emanuel, C.
DSD-TR-39-59	19 Nov 59	COMPARISON OF JUPITER NOSE CONE CALCULATED AND MEASURED SUBSTRUCTURE TEMPERATURES	Burleson, W.

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DSD-TR-40-59	24 Sep 59	FLIGHT PERFORMANCE ANALYSIS OF COMBUSTION CHAMBER PRESSURE CONTROL SYSTEM	Cobb, W.
DSD-TR-41-59	21 Oct 59	JUPITER MISSILE AM-19 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT ENVIRONMENTAL CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA LAUNCHING NO. 24 ON 26 AUGUST 1959	Thionnet, C. Vaughan, O.
DSD-TR-42-59	15 Oct 59	JUPITER MISSILE AM-19B FINAL FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Askew, W. Varnedoe, E.
DSD-TR-43-59	26 Oct 59	THERMAL ENVIRONMENTAL ANALYSIS UNIT AERODYNAMIC HEATING EVALUATION REDSTONE MISSILE CC-37	Eret, D. Vaughan, O.
DSD-TR-44-59	3 Nov 59	JUPITER MISSILE AM-19 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Askew, W. Williamson, H.
DSD-TR-45-59	2 Nov 59	JUPITER MISSILE AM-23 TEMPERATURE AND PRESSURE CONTROL SYSTEMS, THERMAL ENVIRONMENT, AND SPECIAL MEASUREMENTS	Vaughan, O. Eret, D.
DSD-TR-46-59	30 Oct 59	JUPITER MISSILE AM-23 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEM	Askew, W. Johnston, C.
DSD-TR-47-59	5 Nov 59	JUPITER MISSILE AM-24 FLIGHT ANALYSIS OF PROPULSION AND ASSOCIATED SYSTEMS	Askew, W. Cobb, W.
DSD-TR-48-59	16 Nov 59	JUPITER MISSILE CM-31 THERMAL ENVIRONMENTAL ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, LAUNCHING NO. 28 ON 21 OCTOBER 1959	Thionnet, C. Vaughan, O.
DSD-TR-49-59	15 Dec 59	JUPITER MISSILE AM-24 THERMAL ENVIRONMENTAL ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEM LAUNCHING NO. 26 ON 30 SEPTEMBER 1959	Thionnet, C. Vaughan, O.
DSD-TR-50-59	27 Nov 59	JUPITER MISSILE AM-19A FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Askew, W. Varnedoe, E.
DSD-TR-51-59	27 Nov 59	JUPITER MISSILE AM-19A (JUNO II) TEMPERATURE AND PRESSURE CONTROL SYSTEMS, ENVIRONMENT TEMPERATURES AND SHROUD SKIN TEMPERATURE MEASUREMENTS	Cubbage, R. Vaughan, O.
DSD-TR-52-59	7 Dec 59	JUPITER MISSILE CM-31 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Askew, W. Williamson, H.
DSD-TR-55-59	29 Dec 59	JUPITER MISSILE CM-33 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, AND SPECIAL MEASUREMENTS LAUNCHING NO. 29 ON 4 NOVEMBER 1959	Eret, D. Vaughan, O.
DSD-TR-56-59	28 Dec 59	JUPITER MISSILE CM-33 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Askew, W. Johnston, C.
DSF-TM-1-59	2 Feb 59	PRELIMINARY INVESTIGATION OF NATURAL BENDING MODES: JUNO V	McComas, R. Rillock, T.



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DSF-TM-4-59	25 Feb 59	STATIC TEST LOADS FOR THE JUPITER IOC BLOCK I & II MISSILES	Stevens, J.
DSF-TM-6-59	27 May 59	ANALYSIS OF NORMAL MODES OF BENDING VIBRATION JUNO I MISSILE AM-16	McComas, R.
DSF-TM-7-59	27 May 59	PRELIMINARY SATURN SHOCK AND VIBRATION SPECIFICATIONS	Farrow, J.
DSF-TM-8-59	11 Jun 59	A PRELIMINARY VIBRATION ANALYSIS OF MERCURY JUPITER 1 & 2	Bullock, T.
DSF-TM-9-59	11 Jun 59	BENDING MOMENT IMPOSED ON THE SATURN MISSILE DUE TO WIND VELOCITIES WHILE INSTALLED ON THE LAUNCHER	Stevens, J.
DSF-TM-10-59	29 Jul 59	VIBRATION DATA OF JUPITER MISSILE	Mowell, L. Davis, R.
DSF-TM-11-59	7 Aug 59	SHOCK AND VIBRATION SPECIFICATIONS FOR JUPITER MISSILES	Mowell, L. Davis, R.
DSF-TM-12-59	12 Aug 59	VIBRATION ANALYSIS OF JUNO II JUPITER AM-19B	Bullock, T.
DSF-TM-13-59	31 Aug 59	CALCULATED NOISE LEVELS OF SATURN AND SATURN SCALE MODEL ENGINES	Farrow, J.
DSF-TM-14-59	27 Oct 59	THE PROBLEM OF EIGENVALUES OF A NONUNIFORM BEAM INCLUDING SECONDARY EFFECTS	Glaser, R.
DSF-TR-1-59	4 Sep 59	AN EXPERIMENTAL INVESTIGATION OF DEFLECTIONS DUE TO RADIAL POINT LOADS ON THIN-WALLED CYLINDERS	Katz, L.
DSL-TM-10-59	2 Apr 59	SYSTEM DESCRIPTION FOR SATURN VEHICLE (SA-1 THROUGH SA-4)	Uherka, M.
DSL-TM-18-59	15 May 59	CALCULATED WEIGHT AND BALANCE REPORT FOR BLOCK IB TACTICAL JUPITER MISSILES	Marmann, R.
DSL-TM-20-59	27 May 59	CALCULATED MASS CHARACTERISTICS FOR JUPITER MISSILE AM-24 WITHOUT PROPELLANTS	Drummond, J. Marmann, R.
DSL-TM-21-59	29 May 59	CALCULATED MASS CHARACTERISTICS FOR JUPITER MISSILE AM-25 WITHOUT PROPELLANT	Drummond, J. Marmann, R.
DSL-TM-25-59	9 Jun 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODEL AM-15	Uherka, M.
DSL-TM-26-59	10 Jun 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODEL AM-19	Uherka, M.
DSL-TM-27-59	6 Jul 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODEL AM-23	Uherka, M.
DSL-TM-30-59	24 Jul 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODEL AM-24	Uherka, M.
DSL-TM-33-59	26 Jun 59	CALCULATED MASS CHARACTERISTICS FOR JUPITER MISSILE AM-26 WITHOUT PROPELLANTS	Marmann, R. Drummond, J.

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DSL-TM-34-59	27 Jun 59	CALCULATED MASS CHARACTERISTICS FOR JUPITER MISSILE AM-30 WITHOUT PROPELLANTS	Marmann, R. Drummond, J.
DSL-TM-35-59	1 Jul 59	MISSILE DESCRIPTION OF JUNO II MISSILE AM-19B	Uherka, M.
DSL-TM-41-59	14 Aug 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODEL AM-25	Uherka, M.
DSL-TM-44-59	24 Aug 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODELS AM-26 AND AM-28	Uherka, M.
DSL-TM-46-59	14 Sep 59	MISSILE DESCRIPTION OF JUNO II MISSILE AM-19A	Uherka, M.
DSL-TM-47-59	14 Sep 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODELS CM-31 AND CM-33	Uherka, M.
DSL-TM-50-59	4 Sep 59	MEASURED MASS DATA OF TACTICAL JUPITER MISSILES AM-101 THROUGH AM-107 WITHOUT PROPELLANTS	Fowler, W. Clark, F.
DSL-TM-56-59	30 Oct 59	MISSILE DESCRIPTION OF JUPITER INTERMEDIATE RANGE BALLISTIC MISSILE MODELS AM-30 AND AM-32	Uherka, M.
DSL-TM-70-59	28 Dec 59	MEASURED MASS DATA OF TACTICAL JUPITER MISSILES AM-108 THROUGH AM-115 WITHOUT PROPELLANTS	Fowler, W. Clark, F.
DSN-TM-1-59	28 Jan 59	EVALUATION OF GOODYEAR AIRCRAFT CORPORATION NOSE CONE MODELS EXPOSED TO THE EXHAUST JET OF THE JUPITER POWER PLANT	Uptagrafft, F.
DSN-TM-2-59	28 Feb 59	CORRELATION OF ABMA AND NAA METHODS OF DETERMINATION OF CONTAMINATION 1 HYDRAULIC FLUIDS	Riehl, W. Hawkins, C.
DSN-TM-3-59	13 Mar 59	EVALUATION OF GOODYEAR AIRCRAFT CORPORATION NOSE CONE MODELS EMPLOYING VARIOUS FINISHES ON THE REINFORCEMENT MATERIAL	Kingsbury, J.
DSN-TM-4-59	22 Apr 59	COMPARISON OF ABLATION CHARACTERISTICS OF GOODYEAR AIRCRAFT CORPORATION MATERIALS P-3000 AND P 3010 IN THE FRUSTUM OF JUPITER "C" TEST MODELS	Uptagrafft, F.
DSN-TM-5-59	29 Apr 59	COMPARISON OF CINCINNATI TESTING LABORATORY MATERIAL CT-301 WITH CT-326 AND INVESTIGATION OF TAPE-WRAP CT-365	Kingsbury, J.
DSN-TM-6-59	28 May 59	A COMPARATIVE EVALUATION OF THE ABLATION CHARACTERISTICS OF GOODYEAR AIRCRAFT MATERIALS P-3010 AND XP-132 WITH P-3000	Kingsbury, J.
DSN-TM-7-59	12 Jun 59	AN INVESTIGATION OF CINCINNATI TESTING LABORATORY SECOND GENERATION ABLATION MATERIALS	Kingsbury, J.
DSN-TM-9-59	25 Aug 59	SHORT TIME HIGH TEMPERATURE PROPERTIES OF STRUCTURAL MATERIALS	Austin, C.
DSN-TM-10-59	28 Aug 59	AN EVALUATION OF ABLATION CHARACTERISTICS OF GOODYEAR AIRCRAFT CORPORATION MATERIAL P-3010 APPLIED TO THE JUPITER MISSILE NOSE CONE CAP	Uptagrafft, F.

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DSN-TM-11-59	1 Sep 59	AN EVALUATION OF ABLATION PROBES FROM DETROIT CONTROL	Johnson,
DSN-TM-12-59	3 Sep 59	AN INVESTIGATION OF CINCINNATI TESTING LABORATORY SECOND GENERATION ABLATION MATERIALS USING ASBESTOS	Kingsbury, J.
DSN-TM-13-59	2 Oct 59	EVALUATION OF RESPONSE OF NOSE CONE THERMAL INSULATION MATERIAL OF JUPITER MISSILE AM-18 TO RE-ENTRY CONDITIONS	Gray, C. Uptagrafft, F. Nunnolley, J.
DSN-TM-14-59	27 Nov 59	SHORT-TIME, HIGH-TEMPERATURE PROPERTIES OF STRUCTURAL MATERIALS	Austin, C.
DSN-TR-1-59	31 Mar 59	A PEROXIDE-RESISTANT COATING FOR STEEL	Riehl, W. Curry, J.
DSN-TR-2-59	28 Feb 59	AN INVESTIGATION OF LITHIUM ADDITIONS TO ALUMINUM CASTING ALLOYS	Augstin, C.
DSP-TM-1-59	13 Mar 59	SATURN SYSTEM STUDY	Koelle, H. Williams, F. Huber, W.
DSP-TM-2-59	1 Apr 59	REVIEW OF SPACE PROBES THROUGH MARCH 1959	Straly, W.
DSP-TM-3-59	15 Mar 59	PARALLEL STAGING	Reichert, R. Schmidt, R. Baue, J.
DSP-TM-4-59	18 Jul 59	SOME ENGINEERING AND PLANNING CONSIDERATIONS TOWARD THE DEVELOPMENT OF A FAMILY OF ARMY MISSILE TRANSPORT SYSTEMS (AMTRAN)	Carter, J.
DSP-TM-6-59	12 Aug 59	A STUDY OF TYPICAL ENGINEERING SATELLITE PAYLOADS	Warren, A.
DSP-TM-7-59	1 Aug 59	PRELIMINARY OPTIMIZATION OF SATURN	Callaway, R. Calzerano, A. Thomas, P.
DSP-TM-8-59	15 Aug 59	A PROJECTION OF THE U. S. SPACE FLIGHT CAPABILITIES FOR THE NEXT 15 YEARS	Koelle, H. William, F. Huber, W.
DSP-TM-9-59	23 Dec 59	SATURN SEPARATION TECHNIQUES (BASED ON B-1 CONFIGURATION)	Dobbins, E. Wells, H.
DSP-TM-11-59	2 Sep 59	THE EFFECT OF PROPELLANT WEIGHT FRACTION ON STAGE PERFORMANCE	Ifshin, D. Dobbins, E.
DSP-TM-13-59	13 Nov 59	SATURN SYSTEM STUDY II	
DSP-TM-14-59	26 Oct 59	SOME ORBITAL PLANE CHANGE CONSIDERATIONS	Straly, W.
DSP-TM-15-59	30 Oct 59	RENDEZVOUS BY THE CHASING TECHNIQUE	Barker, C. Straly, W.
DSP-TR-1-59	16 Mar 59	SPACE FLIGHT SIMULATOR	Barker, C.
DSP-TR-2-59	29 Jun 59	A SURVEY OF ROCKET ENGINE LIQUID CHEMICAL PROPELLANT DATA	Goodman, I.

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DSP-TR-3-59	24 Jun 59	AN EVALUATION AND COMPARISON OF PROPOSED MEDIUM RANGE BALLISTIC MISSILES	Haarmann, W.
DSP-TR-4-59	10 Nov 59	MINIMUM ENERGY REQUIREMENTS FOR SPACE TRAVEL	Ruppe, H.
DSP-TR-5-59	23 Nov 59	SECULAR PERTURBATIONS DUE TO THE SUN AND MOON OF THE ORBIT OF AN ARTIFICIAL EARTH SATELLITE	Dearman, C.
DSP-TR-6-59	10 Dec 59	PROPOSAL FOR STANDARD WEIGHT DEFINITIONS FOR SPACE VEHICLES	Koelle, H.
DSR-TM-1-59	20 May 59	LARCE MOTOR PROGRAM FOR PERSHING MISSILE	Jones, A.
DT-TR-1-59	29 Dec 59	REDSTONE ENGINE 500-CYCLE INSTABILITY STUDY TESTS NO. 310 THROUGH 314	Scarborough, C.
DTR-TM-1-59	16 Nov 59	NOISE RADIATED FROM SINGLE AND MULTIENGINE TESTS OF A ROCKET MOTOR DEVELOPING 500 POUNDS OF THRUST	Dorland, W.
DV-19 Mar 59	19 Mar 59	INSTRUMENTATION FOR SPACE RESEARCH	Stuhlinger, E.
DV-May 59	May 59	THE DETERMINATION OF THE DIRECTIONAL DISTRIBUTION OF CHARGED PARTICLES TRAPPED IN THE MAGNETIC FIELD OF THE EARTH	Sholton, R.
DV-Jul 59	24 Jul 59	RECENT INFORMATION GAINED FROM SATELLITE ORIENTATION MEASUREMENT	Naumann, R.
DV-18 Jul 59	18 Jul 59	ROCKET PROPULSION WITH PHOTONS	Stuhlinger, E.
DV-20 Nov 59	20 Nov 59	THE PLASMA JET AS AN ELECTRIC PROPULSION SYSTEM FOR SPACE APPLICATION	Heller, G.
DV-31 Dec 59	31 Dec 59	PROGRESS IN DESIGN AND IMPLEMENTATION OF SCIENTIFIC SPACECRAFT	Lundquist, C.
DV-2-59	2 Feb 59	SCIENTIFIC OBJECTIVES OF THE IGY SATELLITE (JUPITER PAYLOAD #16)	
DV-TM-3-59	12 Feb 59	PROPULSION FOR SPACE VEHICLES BY THE THERMODYNAMIC PROCESS	Heller, G.
DV-TM-20-59	15 Jul 59	THERMAL PROBLEMS OF THE PAYLOAD OF MISSILE AM-16	Heller, G.
DV-TM-23-59	10 Aug 59	THERMAL DESIGN TESTS OF THE IGY SATELLITE (PAYLOAD FOR MISSILE NO. 16)	Jones, B.
DV-TM-25-59	1 Oct 59	DATA FOR AMERICAN AND RUSSIAN SATELLITES AND SPACE PROBES RESUME NO. 2	Fields, S.
DV-TM-27-59	29 Sep 59	OPERATION GASLIGHT DURING MAY 1959	Woodbridge, D. Hembree, R. Frary, S.
DV-TR-1-59	12 Feb 59	SEMINAR ON FIRST RE-ENTRY RADIATION MEASUREMENTS	Woodbridge, D. Hembree, R.
DV-TR-2-59	15 Apr 59	A BRIEF SURVEY OF COSMIC RAY DATA WITH REGARD TO SPACE VEHICLE PROTECTION	Nelson, S.

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DV-TR-3-59	1 Oct 59	LUNAR EXPLORATION WITH SATURN-BOOSTED SYSTEMS	
ABMA HT-14	9 Jun 59	ARMY PARTICIPATION IN THE NATIONAL SATELLITE AND SPACE PROGRAM	Stuhlinger, E.

Section II

NUMBERED REPORTS -  
ARMY ROCKET AND GUIDED MISSILE AGENCY (ARGMA)

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3M7N28	Jan 59	QUARTERLY REPORT - PROPULSION LABORATORY	
3M7N29	31 Mar 59	QUARTERLY REPORT - PROPULSION LABORATORY	
3M11N34	15 Apr 59	FLIGHT TESTING OF TWO M17 AND TWENTY M33 ROCKETS FROM A RAIL LAUNCHER TO DETERMINE LAUNCH PARAMETER DATA	Richter, J.
3M37N17	2 Mar 59	MINIMUM FINAL DEVELOPMENT TEST OF AREA TOXIC ROCKET, T238, SIMULATING CLIMATIC AND USE ENVIRONMENTAL CONDITIONS	Bauer, D.
3M39N21	19 Mar 59	DETERMINATION OF IN-FLIGHT BURNING CHARACTERISTICS OF N-5 DOUBLE-BASE PROPELLANT AS A FUNCTION OF NOZZLE THROAT AREA AND TEMPERATURE IN THE 105MM T273 ROCKET	Kozdron, J.
3M39N24	8 Jan 59	IN-FLIGHT PERFORMANCE TEST OF 105MM T273 ROCKET WITH AMMONIUM-NITRATE PROPELLANT GRAIN	Powell, C.
3M39N26	23 Jan 59	DETERMINING OF THE FUNCTIONING OF THE 7-CALIBER, 115MM, T273 ROCKET UNDER VARIOUS CONDITIONING TEMPERATURES	Powell, C. Fields, H.
3M39N27	8 Jan 59	DETERMINATION OF THE BOOST CHARGE WEIGHT NECESSARY TO PRODUCE MINIMUM MUZZLE VELOCITY	Fields, H.
3M39N28	8 Jan 59	DETERMINING THE FEASIBILITY OF FIRING THE 115MM T273 ROCKET WITH THE FRONT ROTATING BAND REMOVED	Fields, H.
3M39N29	8 Jan 59	FLIGHT TESTING THE 115MM ROCKET USING MODIFIED N-5 PROPELLANT	Fields, H.
3M39N30	8 Jan 59	FLIGHT TESTS OF 105MM T273 ROCKET WITH LOW BURNING AREA TO NOZZLE THROAT AREA RATIOS	Fields, H.
3M39N31	8 Jan 59	DETERMINATION OF THE FLIGHT CHARACTERISTICS OF THE 115MM T273 ROCKET USING X-12 PROPELLANT	Fields, H.
3M39N32	8 Jan 59	EFFECTS OF SHORT IGNITER TUBES ON THE PERFORMANCE OF THE 115MM T273 ROCKET	Fields, H.
3M39N33	2 Mar 59	BOOST CHARGE WEIGHT DETERMINATION FOR THE 115MM, XM-54 GUN-BOOSTED ROCKET	Batson, J. Johnson, F.

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3M39N34	13 May 59	ZONING TESTS OF THE XM-54, 105MM AND 115MM, ROCKET	Batson, J. Johnson, D.
3M39N35	7 Apr 59	FLIGHT PERFORMANCE AND FLASH SUPPRESSANT TEST OF NOTS-LOADED ROCKET, BOOSTED, 115MM, HE, XM-54 (FORMERLY T273)	Batson, J. Fields, H.
3M39N36	2 Apr 59	DETERMINATION OF THE FLIGHT CHARACTERISTICS OF THE 115MM, T273 ROCKET LOADED WITH MODIFIED, T-19 PROPELLANT	Lindeman, R.
3M39N37	1 Apr 59	DETERMINING THE FLIGHT CHARACTERISTICS OF THE 115MM, XM-54 ROCKET	Fields, H.
3M39N38	19 Mar 59	PERFORMANCE CHARACTERISTICS OF THE XM-54 ROCKET AT MEDIUM RANGES	Lindeman, R. Batson, J.
3M39N39	23 Mar 59	DETERMINATION OF THE MAXIMUM RANGE AND DISPERSION OF THE XM-54 ROCKET LOADED WITH NOTS X-12 PROPELLANT	Johnson, D. Kormoilas, A.
3M39N40	7 Apr 59	PERFORMANCE CHARACTERISTICS OF THE XM-54 ROCKET UTILIZING CASE BONDED X-12 PROPELLANT	Lindeman, R. Batson, J.
3M39N42	16 Apr 59	PRETEST REPORT OF DAMAGES INCURRED AND DISCREPANCIES NOTED IN THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
3M39N44	12 May 59	R&D OPERATIONAL TEST REPORT OF HELICOPTER TRANSPORTABILITY (H-37) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
3M49N6	18 Nov 59	RETEST OF LACROSSE I MARK IV SYSTEM WITH LOT II FORWARD GUIDANCE STATION IN THE CLIMATIC LABORATORY, EGLIN AFB, FLORIDA	Bunn, F.
3M64N15	3 Feb 59	STATIC TEST OF ONE JATO, XM16E1, AGED FOR THREE YEARS	Mitchell, J.
3M78N17	19 Jan 59	STATIC TESTS OF SIX YAW-INDUCING MOTORS, LITTLEJOHN ROCKET SYSTEM	Lindeman, R.
3M78N18	15 Jan 59	TESTING ACTUATION OF LITTLEJOHN PROGRAMMED STABILITY FINS	Peterson, R.
3M79N14	16 Feb 59	STATIC TEST OF ONE XM12E1 JATO AND TWO IGNITION TESTS	Chandler, A.
3M79N15	11 Mar 59	STATIC TESTS OF THREE JATOS, XM12E1	Chandler, A.
3M79N16	27 Mar 59	STATIC TEST OF ONE XM12E1 JATO	Chandler, A.
3M95N18	8 Jan 59	STATIC TEST OF ONE ACED JATO, XM30 - ROUND NO. A3	Nix, J.
3M95N19	7 Apr 59	STATIC TEST OF ONE AGED JATO, XM30 - ROUND NO. A4	Nix, J.
3M95N20	13 May 59	STATIC TEST OF TWO AGED JATOS, XM30 - ROUND NOS. A5 AND A6	Nix, J.
3M110N1	16 Mar 59	ROCKET TEMPERATURE AND ENVIRONMENTAL CONDITIONING FACILITIES	Cline, W.

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3M125N14	8 Jan 59	OPERATIONAL TEST OF HONEST JOHN LIGHTWEIGHT SYSTEM IN THE CLIMATIC LABORATORY AT EGLIN AIR FORCE BASE, FLORIDA	Roberts, C.
3M125N15	19 Jan 59	OPERATIONAL TEST OF THE MODIFIED HONEST JOHN XM33 HELICOPTER TRANSPORTABLE LAUNCHER AND NEW TRIPOD	Huber, C. Roberts, C.
3M125N41	13 Apr 59	R&D OPERATIONAL TEST REPORT FOR FIXED-WING ASSAULT LANDING (C-123) OF THE 115MM BOOSTER ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
3M132N5 LJ	19 Feb 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ151RM, LJ152RM, LJ153RM, LJ154RM, LJ157RM, LJ158RM, LJ160RM, LJ161RM, LJ182RM, AND LJ183RM	Field, R.
3M132N6 LJ	19 Mar 59	TEST REPORT FOR LITTLEJOHN FIRING ROUND NO. LJ171RO	Field, R.
3M132N7 LJ	12 May 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ163RO, LJ165RO, LJ169RO, AND LJ170RO	Field, R.
3M132N9 LJ	8 Jun 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ166RO AND LJ172RO THROUGH LJ181RO	Field, R.
3M132N10 LJ	15 Jul 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ184RO AND LJ185RO	Field, R.
3M132N12 LJ	12 Aug 59	TEST REPORT FOR LITTLEJOHN ROUND NOS. LJ186RO AND LJ189RO	Field, R.
3M132N14 LJ	4 Sep 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ187RO AND LJ188RO	Robinson, G. Field, R.
3M132N15 LJ	14 Sep 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ190RO, LJ193RO, LJ196RO AND LJ197RO	Field, R. Robinson, G.
3M132N16 LJ	16 Sep 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ209RO, LJ213RO THROUGH LJ216RO AND LJ220RO THROUGH LJ223RO	Field, R.
3M132N17 LJ	30 Nov 59	TEST REPORT ON LITTLEJOHN PADA FIRING ROUNDS NOS. LJ211RO, LJ239RO AND LJ256RO	Field, R.
3M132N18 LJ	28 Sep 59	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ218RO, LJ219RO AND LJ224RO THROUGH LJ231RO	Field, R.
3M132N19 LJ	28 Sep 59	TEST REPORT FOR LITTLEJOHN ROUND NOS. LJ201RO AND LJ217RO	Field, R.
3M132N20 HJ	29 Oct 59	REPORT OF MISFIRE OF XM50 (R-112)	Seidl, H.
3M132N21 LJ	30 Nov 59	TEST REPORT FOR LITTLEJOHN ROUND NOS. LJ204RO AND LJ205RO	Robinson, G.
3M137N4	18 Feb 59	STATIC TEST OF ONE JATO, XM-45 TEST NO. 11	Mitchell, J.
3M140N8	30 Jan 59	STATIC TEST OF BOMARC BOOSTER MOTOR NUMBER 19	Wiedman, J.



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3M140N9	30 Jan 59	STATIC TEST OF BOMARC BOOSTER MOTOR NUMBER 6 EQUIPPED WITH JETEVATORS	Wiedman, J.
3M140N10	5 Feb 59	STATIC TEST OF BOMARC BOOSTER MOTOR NUMBER 15	Wiedman, J.
3M140N11	5 Feb 59	STATIC TEST OF BOMARC BOOSTER MOTOR NUMBER 18	Wiedman, J.
3M140N12	19 Feb 59	STATIC TESTS OF TWO BOMARC BOOSTER MOTORS, NUMBERS 20 AND 22	McCombs, G.
3M140N13	19 Feb 59	STATIC TEST OF BOMARC BOOSTER MOTOR NUMBER 24	Wiedman, J.
3M140N14	5 Mar 59	CAPTIVE TEST OF BOMARC BOOSTER MOTOR NUMBER 41	Wiedman, J.
3M140N15	31 Mar 59	CAPTIVE TEST OF ONE XM-51 ROCKET MOTOR NUMBER 48	Wiedman, J.
3M140N16	17 Apr 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NUMBER 47	Wiedman, J.
3M140N17	4 May 59	CAPTIVE TEST OF ONE XM-51 ROCKET MOTOR NUMBER 51	Wiedman, J.
3M140N18	13 May 59	CAPTIVE TEST OF ONE XM-51 ROCKET MOTOR NUMBER 53	Wiedman, J.
3M140N19	11 May 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NUMBER 54	Wiedman, J.
3M140N20	13 May 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NUMBER 62	Wiedman, J.
3M140N21	13 May 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NUMBER 61	Wiedman, J.
3M142N4	13 Jan 59	TWO STATIC TESTS OF AUTOMET TEST VEHICLES WITH SHORT-GRAIN BOOSTERS	Langston, R.
3M142N5	6 Feb 59	TWO STATIC TESTS OF AUTOMET TEST VEHICLES	Langston, R.
3M142N6	27 Jan 59	STATIC TESTS OF TWO BOOSTER ROCKET MOTORS FOR AUTOMET TEST VEHICLE	Cline, W.
3M142N7	6 Feb 59	STATIC TEST OF SUSTAINER ROCKET MOTOR FOR AUTOMET TEST VEHICLE	Cline, W.
3M142N8	10 Feb 59	STATIC TESTS OF TWO AUTOMET BOOSTER MOTORS	Langston, R.
3M142N9	12 Feb 59	STATIC TESTS OF THREE SUSTAINER ROCKET MOTORS FOR AUTOMET TEST VEHICLE	Cline, W.
3M142N10	25 Feb 59	STATIC TESTS OF TWO SUSTAINER ROCKET MOTORS FOR AUTOMET TEST VEHICLE	Cline, W.
3M142N11	5 Mar 59	STATIC TESTS OF THREE SUSTAINER ROCKET MOTORS FOR AUTOMET TEST VEHICLE	Cline, W.
3M144N1	13 Jan 59	STATIC TEST OF A LARGE MOTOR CONTAINING HIGH-IMPULSE PROPELLANT	Langston, R.
3M145N4	11 Mar 59	STATIC TEST OF ONE 31-INCH TEST MOTOR	Austin, R.
3M145N5	23 Mar 59	STATIC TEST OF ONE 28-INCH EXPERIMENTAL ROCKET MOTOR	Austin, R.
3M145N6	27 Mar 59	STATIC TESTS OF TWO 40-INCH PERSHING A SYSTEM STAGE I MOTORS	Austin, R.

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3M146N2	9 Feb 59	PROGRAM FOR ENVIRONMENTAL SEQUENTIAL TESTS OF ROCKET MOTOR XM37	McCombs, G.
3M146N3	9 Feb 59	R&D OPERATIONAL TEST OF AERIAL DELIVERY BY FIXED-WING AIRCRAFT OF THE XM31 JATO (FOR XM50 ROCKET) AND HELICOPTER TRANSPORTABILITY OF THE HONEST JOHN LIGHTWEIGHT LAUNCHER SYSTEM	Roberts, C.
3M146N4	7 Apr 59	R&D OPERATIONAL TEST PLAN FOR COLD TESTS OF THE HONEST JOHN LIGHTWEIGHT HELICOPTER TRANSPORTABLE (CHOPPER JOHN) SYSTEMS AT EGLIN AIR FORCE BASE, FLA	Roberts, C.
3M146N5	7 Apr 59	R&D OPERATIONAL TEST PLAN FOR DETERMINING THE PHYSICAL CHARACTERISTICS AND SYSTEM MOBILITY OF THE HONEST JOHN LIGHTWEIGHT HELICOPTER TRANSPORTABLE (CHOPPER JOHN SYSTEM)	Roberts, C.
3M146N6	7 Apr 59	R&D OPERATIONAL TEST PLAN FOR PHASE I AERIAL DELIVERY BY PARACHUTE AND ASSAULT FROM FIXED-WING AIRCRAFT OF THE HONEST JOHN LIGHTWEIGHT HELICOPTER TRANSPORTABLE (CHOPPER JOHN) SYSTEM AT FT. BRAGG, N. C.	Roberts, C.
3M147N1	11 Feb 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
3M147N2	26 Feb 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
3M147N3	10 Mar 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
3M147N4	27 Mar 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
3M149N2 (Revised)	17 Feb 59	R&D OPERATIONAL TEST PLAN FOR AMPHIBIOUS ASSAULT LANDING TESTS OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
3M149P	Jan 59	R&D OPERATIONAL TEST PLAN FOR TOWABILITY (3/4-TON OR 1/4-TON TRUCK), FIXED WING ASSAULT LANDING (C-123), AND HELICOPTER TRANSPORTABILITY (HVS AND HR2S) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
3M150N1	27 Feb 59	STATIC TEST OF A NIKE-HERCULES BOOSTER MOTOR	Mitchell, J.
3M150N2	7 Apr 59	STATIC TEST OF ONE NIKE-HERCULES BOOSTER MOTOR	Smillie, B.
3M150P	27 Jan 59	STATIC TEST OF ONE NIKE-HERCULES BOOSTER MOTOR	Mitchell, J.
3M151P	23 Mar 59	FLIGHT TESTING THE 2.75-INCH FFAR TO DETERMINE VARIATIONS IN MUZZLE VELOCITY DUE TO MECHANICAL RESTRAINT	Bauer, D.
3M152N1	21 Jan 59	R&D OPERATIONAL TEST PLAN FOR COLD TESTS OF THE PHASE II LITTLEJOHN WEAPON SYSTEM AT EGLIN AFB, FLA	Roberts, C.
3M152N3	26 Mar 59	R&D OPERATIONAL TEST PLAN FOR PHASE II LITTLEJOHN INSULATING BLANKET TEST AT REDSTONE ARSENAL, ALABAMA	Huber, C.

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3M152P	20 Jan 59	R&D OPERATIONAL TEST PLAN FOR DETERMINING THE PHYSICAL CHARACTERISTICS AND SYSTEM MOBILITY OF THE PHASE II LITTLEJOHN WEAPON SYSTEM	Roberts, C.
3M153N1	1 Apr 59	STATIC TEST OF ONE 19- BY 73-INCH TEST MOTOR	Cline, W.
3M153N2	21 Apr 59	STATIC TEST OF PETRIN ACRYLATE MOTOR	Langston, R.
3M153N3	6 May 59	STATIC TEST OF NIKE ZEUS SUSTAINER TEST MOTOR	Langston, R.
3M153P	27 Feb 59	STATIC TEST OF 19- BY 73-INCH TEST MOTOR	Langston, R.
3M154P	6 Apr 59	STATIC TEST OF TWO TX-155 PYROGENS	Mitchell, J.
3M156P	12 Mar 59	STATIC TEST OF ONE TX-77-1 ROCKET MOTOR - TEST NO. 1	Smillie, B.
4M5N15	Feb 59	RELIABILITY STATUS REPORT	Benton, W.
4M5N16	Apr 59	RELIABILITY STATUS REPORT	Benton, W.
4M5N17	Jul 59	RELIABILITY STATUS REPORT	Benton, W.
4M5N18	Aug 59	RELIABILITY STATUS REPORT	Benton, W.
4M5N19	Oct 59	RELIABILITY STATUS REPORT	Benton, W.
4M5N20	Dec 59	RELIABILITY STATUS REPORT	Benton, W.
6M104N-1	5 Jan 59	STUDY OF OPTIMUM FAMILY OF SURFACE-TO-SURFACE MISSILES	
6M106P	25 Feb 59	COMPARISON OF T-238, LITTLEJOHN, AND HONEST JOHN SYSTEMS AS AREA TOXIC WEAPONS	Lacayo, H. Powell, R.
6M107	5 Jan 59	IBM 610 PROGRAM. SECOND ORDER SHOCK EXPANSION THEORY	Craft, J.
QDRI LC-67-1	20 Mar 59	QDRI RELEASE, LAND COMBAT (SSM) LC-67-1. DIVISIONAL GENERAL SUPPORT WEAPON SYSTEM (MISSILE "B")	Mullowney, P.
4R30F	1 May 59	THERMOELECTRIC AND ATOMIC POWERED ELECTRICAL DEVICES	Link, D.
4R33F	1 Sep 59	THERMOELECTRIC DEVICES	Link, D.
4R35F	15 Sep 59	SUMMARY REPORT OF THE AD HOC CROUP ON SUPPORTING RESEARCH FOR SURFACE-TO-SURFACE MISSILE SYSTEMS	Ewart, W., Chairman
6R13r	15 Jan 59	SOLID-PROPELLANT RESPONSE TO TEMPERATURE SHOCK	Doner, R.
6R15	Jan 59	A GRAPHICAL SOLUTION FOR SOLID-PROPELLANT MOTOR DESIGN	Witte, R.
RHM-P-3-59	2 Jun 59	PRESENTATION OF PLATO ELECTRONIC SCANNING ACQUISITION RADAR GIVEN TO DEPARTMENT OF DEFENSE AD HOC ELECTRONIC SCANNING RADAR GROUP	Fike, J. Bowman, J.
RHM-Z-4-59	29 Jan 59	NIKE ZEUS ENGINEERING CONCEPT INSPECTION	

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RHM-Z-5-59	6 Mar 59	NIKE ZEUS ANTIMISSILE GUIDED MISSILE SYSTEM ENGINEERING CONCEPT REVIEW	
4SR-3-58	30 Jan 59	QUARTERLY REPORT ON ARGMA SUPPORTING RESEARCH PROGRAM 1 OCTOBER THROUGH 31 DECEMBER 1958	
TM 1D1M-1	8 Oct 59	DEVELOPMENT OF RAPID X-RAY FLUORESCENCE METHOD FOR QUALITY CONTROL ANALYSIS OF PROPELLANTS	Alley, B. Higgins, J.
TM 1F1M	14 May 59	EXPERIMENTAL INVESTIGATION OF POSSIBLE RADIO FREQUENCY ASSOCIATED WITH SATELLITES	Todd, W.
TM 1F2M	15 Jul 59	MEASUREMENT OF INFRARED RADIATION DURING REENTRY OF JUPITER MISSILE 22-A	McClusky, L. Mangus, N.
TM 1F3M	30 Sep 59	MEASUREMENT OF INFRARED RADIATION DURING REENTRY OF JUPITER MISSILE AM-17	Holter, D.
TM 1G1M	16 Apr 59	PERFORMANCE AND ERROR ANALYSIS OF FOUR SOVIET ROCKETS	Craft, J. Deep, R.
TM 1G2M	2 Oct 59	PARTIAL COMPILATION OF SAL EFFORTS IN SUPPORT OF THE XM50 PROGRAM	
TM 1G2M-1	2 Oct 59	COMPARISON OF EFFECTIVENESS OF XM50 AND M31 ROCKETS	
TM 1G3M	15 Oct 59	IBM 610 PROGRAM FOR CALCULATION OF METAL PARTS WEIGHT, THROAT AREA, AND OTHER ASSOCIATED QUALITIES FOR STORABLE LIQUID PROPELLANT MOTORS	
TM 1G4M	30 Oct 59	IBM 704 PROGRAM AAB-1, FOR ESTIMATION OF HEAT TRANSFER COEFFICIENT AND TEMPERATURE DISTRIBUTION NORMAL TO THE SURFACE OF CONES, FLAT PLATES AND SPHERICALLY BLUNTED CONES	
TM 1G5M	15 Nov 59	STRUCTURAL DESIGN EQUATIONS FOR WORKING AND ALLOWABLE STRESSES	
TM 1G6M	10 Nov 59	205 DATATRON DIGITAL COMPUTER GRAIN DESIGN PROGRAM OF A PERFORATED STAR	Anderson, R.
TN 1C1N-22	1 Sep 59	QUARTERLY RESEARCH REVIEW NO. 22 - 1 MAY - 31 JUL 59	
TN 1C20N-1	1 Mar 59	QUARTERLY RESEARCH REVIEW NO. 20 - 1 NOV 58 - 31 JAN 59	
TN 1C21N-1	1 Jun 59	QUARTERLY RESEARCH REVIEW NO. 21 - 1 FEB - 30 APR 59	
TN 1D2N	22 May 59	TEST PLAN TO ESTABLISH NIKE ZEUS SAFETY CRITERIA	
TN 1E2I-30	15 Jul 59	STATIC TEST OF ONE XM131E1 ROCKET MOTOR	McCombs, G.
TN 1E2I-32	27 Oct 59	STATIC TEST OF ONE XM131E1 ROCKET MOTOR	McCombs, G.
TN 1E2I-33	29 Oct 59	QUALIFICATION TESTS OF ROCKET MOTOR XM-37	McCombs, G.
TN 1E37-18	26 Jun 59	FLIGHT TESTING OF THE T238 ROCKET TO OBTAIN SPIN RATE	Bauer, D.

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TN 1E37-19	15 Oct 59	FLIGHT TESTING OF THE T238 ROCKET WITH AERODYNAMIC SPOILERS	Bauer, D.
TN 1E39-43	24 Jun 59	RANGE DISPERSION, AND SPIN RATE STUDY OF THE 115MM, XM54 ROCKET UTILIZING VARIOUS TYPES OF THRUST DIVERTERS	Fields, H.
TN 1E39-45	27 May 59	FLIGHT TEST OF THE XM54 ROCKET WITH MODIFIED T-19 PROPELLANT	Fields, H. Batson, J.
TN 1E39-46	8 Sep 59	FLIGHT TEST OF THE XM54 ROCKET LAUNCHED FROM THE XM70 LAUNCHER	Batson, J.
TN 1E39-47	24 Jun 59	ACCURACY DETERMINATION OF 105MM HOWITZER CARRIAGE (SERIAL NO. 327) IN RESTRAINED AND UNRESTRAINED POSITIONS	Peterson, R.
TN 1E39-48	24 Jun 59	R&D OPERATIONAL TEST REPORT OF TOWABILITY OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
TN 1E39-49	26 Jun 59	R&D OPERATIONAL TEST REPORT OF LIMITED AMPHIBIOUS ASSAULT LANDING TESTS OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
TN 1E39-50	14 Jul 59	R&D OPERATIONAL TEST REPORT OF COLD WEATHER TEST (-45°F) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM	Peace, F.
TN 1E39-51	4 Sep 59	R&D OPERATIONAL TEST REPORT FOR HELICOPTER LIFT TEST (H-37) OF THE SIMULATED XM70 ROCKET LAUNCHER	Peace, F.
TN 1E39-52	12 Oct 59	RESEARCH AND DEVELOPMENT FIRING TESTS OF THE XM70 LAUNCHER	Batson, J. Johnson, F.
TN 1E39-53	9 Oct 59	R&D OPERATIONAL TEST PLAN FOR COLD WEATHER TESTS (-65°F) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM (XM70E1)	Pesce, F.
TN 1E39-54	2 Dec 59	XM54 ROCKET AND XM70 LAUNCHER BURST FIRE COMPATIBILITY TEST	Batson, J.
TN 1E39-55	3 Dec 59	A STUDY OF THE EFFECTS OF REDUCED SPIN ON THE FLIGHT CHARACTERISTICS OF THE XM54 ROCKET	Batson, J. Miller, C. Johnson, L.
TN 1E39-56	29 Oct 59	FIXED-WING ASSAULT LANDING (C-123) AND HELICOPTER TRANSPORTABILITY (HUS & HR2S) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM (XM70E1)	Peace, F.
TN 1E39-57	29 Oct 59	AMPHIBIOUS ASSAULT LANDING TESTS OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM (XM70E1)	Peace, F.
TN 1E64-16	10 Aug 59	STATIC TEST OF ONE JATO, XM16E1, AGED FOR FORTY-TWO MONTHS	Mitchell, J.
TN 1E78-19	22 Jun 59	SPINNING THE LITTLEJOHN ON A SIMULATED PADA LAUNCHER WITH XM-52 SPIN ROCKETS	Langston, R.
TN 1E78-22	5 Aug 59	R&D OPERATIONAL COLD TEST OF THE PHASE II LITTLEJOHN WEAPON SYSTEM AT EGLIN AFB, FLA	Roberts, C.

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TN 1E78-23	27 Jul 59	TESTS OF SOSR AND PADA LITTLEJOHN FIN-BARREL BEARINGS UNDER SIMULATED FIRING CONDITIONS	Staggs, M.
TN 1E78-24	14 Oct 59	TESTING THE ACTUATION OF LITTLEJOHN PROGRAMMED STABILITY FINS	Staggs, M.
TN 1E79-17	17 Sep 59	STATIC TEST OF ONE XM12E1 JATO	Campbell, C.
TN 1E79-18	29 Oct 59	STATIC TEST OF TWO XM12E1 JATOS	Campbell, C.
TN 1E112-12	23 Dec 59	TEST OF AN ACTUATED VARIABLE NOZZLE THROAT	Langston, R.
TN 1E122-3	30 Jun 59	FLIGHT TESTING OF THE T132 ROCKET TO DETERMINE THE EFFECTS OF STORAGE AND TEMPERATURE CYCLING ON FLIGHT PERFORMANCE	Doukakis, H.
TN 1E122-4	5 Nov 59	FLIGHT TEST OF T253 ROCKETS EQUIPPED WITH T131 ROCKET MOTORS TO DETERMINE EFFECTS OF STORAGE AND TEMPERATURE CYCLING ON FLIGHT PERFORMANCE	Doukakis, H.
TN 1E140-22	3 Jun 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 60	Wiedman, J.
TN 1E140-23	15 Jul 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 76	Wiedman, J.
TN 1E140-24	27 Jul 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 72	Wiedman, J.
TN 1E140-25	27 Jul 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 98	Wiedman, J.
TN 1E140-26	12 Aug 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 99	Wiedman, J. McCombs, G.
TN 1E140-27	23 Sep 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 90	Neal, J. McCombs, G.
TN 1E140-28	6 Oct 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 101	McCombs, G. Neal, J.
TN 1E140-29	12 Oct 59	PREFLIGHT RATING TEST FOR THE XM-51 ROCKET MOTOR	Wiedman, J. McCombs, G.
TN 1E140-30	13 Oct 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 100	Neal, J. McCombs, G.
TN 1E140-31	19 Oct 59	CAPTIVE TEST OF TWO XM-51 ROCKET MOTOR NOS. 103 AND 104	McCombs, G. Neal, J.
TN 1E140-32	4 Nov 59	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 107	Campbell, C.
TN 1E140-33	3 Dec 59	CAPTIVE TESTS OF FOUR XM-51 ROCKET MOTORS	Campbell, C. McCombs, G.
TN 1E142-12	2 Dec 59	FLIGHT TESTS TO DETERMINE THE FEASIBILITY OF THE AUTOMET THEORY	Doukakis, H.
TN 1E144-2	8 Jun 59	STATIC TEST OF A 28-INCH EXPERIMENTAL MOTOR	Langston, R.
TN 1E145-7	4 Jun 59	STATIC TEST OF ONE 31-INCH TEST MOTOR	Austin, R.
TN 1E145-8	24 Aug 59	STATIC TEST OF ONE 28-INCH EXPERIMENTAL ROCKET MOTOR	Austin, R.

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TN 1E145-9	1 Jun 59	STATIC TEST OF ONE PERSHING A SYSTEM STAGE I ROCKET MOTOR	Austin, R.
TN 1E145-10	1 Jul 59	STATIC TESTS OF TWO PERSHING "A" SYSTEM STAGE I MOTORS	Austin, R.
TN 1E145-11	20 Aug 59	STATIC TEST OF ONE PERSHINC A SYSTEM STAGE I ROCKET MOTOR	Austin, R.
TN 1E145-12	10 Aug 59	STATIC TEST OF 28-INCH EXPERIMENTAL ROCKET MOTOR	Austin, R.
TN 1E145-13	8 Sep 59	STATIC TEST OF ONE 40-INCH PERSHINC "A" SYSTEM STAGE I MOTOR	Austin, R.
TN 1E145-14	28 Sep 59	STATIC TEST OF ONE PERSHINC A-2 MOTOR	Mitchell, J.
TN 1E145-15	30 Sep 59	STATIC TEST OF ONE PERSHINC A-2 MOTOR	Mitchell, J.
TN 1E145-16	30 Sep 59	STATIC TEST OF ONE PERSHINC "A" SYSTEM STAGE I MOTOR	Chandler, A.
TN 1E145-17	12 Oct 59	CONTROL PACKAGE STATIC TEST	Chandler, A.
TN 1E145-18	12 Oct 59	JET VANE EVALUATION STATIC TEST	Chandler, A.
TN 1E145-19	16 Oct 59	STATIC TESTS OF FOUR PERSHINC "A" SYSTEM STAGE I MOTORS	Chandler, A.
TN 1E145-20	17 Nov 59	STATIC TEST OF ONE 28-INCH THRUST REVERSAL TEST MOTOR	Austin, R.
TN 1E145-21	27 Oct 59	STATIC TEST OF ONE PERSHINC "A" SYSTEM STAGE I MOTOR	Ghandler, A.
TN 1E145-22	18 Nov 59	STATIC TEST OF ONE PERSHINC "A" SYSTEM STAGE I MOTOR	Ghandler, A.
TN 1E145-23	18 Nov 59	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE I MOTOR	Chandler, A.
TN 1E145-24	20 Nov 59	STATIC TEST OF ONE PERSHINC "A" SYSTEM STAGE I MOTOR	Chandler, A.
TN 1E145-25	23 Nov 59	STATIC TEST OF ONE PERSHINC "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-26	8 Dec 59	PERSHINC "A" SYSTEM STAGE I CONTROL PACKAGE STATIC TEST	Chandler, A.
TN 1E145-27	8 Dec 59	STATIC TEST OF ONE 28-INCH-DIAMETER THRUST REVERSAL TEST MOTOR	Austin, R.
TN 1E145-28	8 Dec 59	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE I MOTOR	Chandler, A.
TN 1E145-29	28 Dec 59	STATIC TEST OF ONE PERSHINC "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E146-7	12 Oct 59	ROADABILITY AND TACTICAL DEPLOYMENT OF THE HONEST JOHN (SPLIT-LOAD CHOPPER JOHN) SYSTEM IN A TEMPERATURE CLIMATE	Bunn, F.

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TN 1E146-8	17 Nov 59	COLD TESTS OF THE HONEST JOHN LIGHT-WEIGHT HELICOPTER TRANSPORTABLE (CHOPPER JOHN) SYSTEM AT EGLIN AIR FORCE BASE, FLORIDA	Bunn, F.
TN 1E147-5	26 Jun 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-6	13 Jul 59	TESTS OF FOUR BA 605/U THERMAL BATTERIES	McCombs, C.
TN 1E147-6	8 Jul 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-7	29 Jul 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-8	10 Aug 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-9	12 Nov 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-10	18 Nov 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-11	3 Dec 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E147-12	10 Dec 59	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 1E148-1	30 Jun 59	FLIGHT TESTING OF THE SMALL LOBBER LOGISTIC RESUPPLY MISSILE SYSTEM	Hamlett, R.
TN 1E151-1	14 Dec 59	TEST OF THE AUTOSPIN CONCEPT UNDER SIMULATED FLIGHT CONDITIONS	Doukakis, H.
TN 1E152-4	3 Jan 59	REQUEST FOR INPUTS FOR TEST PLAN OF ARCTIC TESTS ON PHASE II LITTLEJOHN AT FT. GREELY, ALASKA	Watkins, H.
TN 1E152-5	5 Aug 59	R&D OPERATIONAL TESTS CONDUCTED AT FORT BLISS TO DETERMINE PHYSICAL CHARACTERISTICS AND SYSTEM MOBILITY OF PHASE II LITTLEJOHN WEAPON SYSTEM	Roberts, C.
TN 1E152-6	10 Aug 59	R&D OPERATIONAL TEST REPORT OF AERIAL DELIVERY TEST OF PHASE II LITTLEJOHN WEAPON SYSTEM AT FT. BRAGG, N. C.	Roberts, C.
TN 1E152-7	7 Oct 59	R&D OPERATIONAL TEST PLAN FOR COLD TESTS OF SOSR AND PADA VERSIONS OF PHASE II LITTLEJOHN WEAPON SYSTEM	Roberts, C.
TN 1E152-8	12 Oct 59	R&D OPERATIONAL TEST PLAN FOR DETERMINING OPERATIONAL CHARACTERISTICS AND SYSTEM MOBILITY OF SOSR AND PADA CONCEPTS OF PHASE II LITTLEJOHN WEAPONS SYSTEM	Roberts, C.
TN 1E152-9	29 Oct 59	COLD WEATHER TEST (-65 F) OF THE PHASE II LITTLEJOHN INSULATING BLANKET	Peace, F.
TN 1E152-10	24 Nov 59	TESTS TO DETERMINE COMPATIBILITY OF PHASE II LITTLEJOHN WEAPON SYSTEM WITH VERTOL-V107 HELICOPTER	Bunn, F.
TN 1E152-11	1 Dec 59	R&D OPERATIONAL TEST PLAN FOR AERIAL DELIVERY TESTS OF SOSR AND PADA CONCEPTS OF THE PHASE II LITTLEJOHN WEAPON SYSTEM	Roberts, C.
TN 1E153-4	27 Jul 59	STATIC TEST OF ONE PETRIN ACRYLATE TEST MOTOR	Cline, W.



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TN 1E153-5	31 Aug 59	STATIC TEST OF NIKE ZEUS SUSTAINER TEST MOTOR	Cline, W.
TN 1E153-6	27 Nov 59	STATIC TEST OF A NIKE ZEUS SUSTAINER TEST MOTOR	Langston, R.
TN 1E155-1	20 May 59	FLIGHT TESTING OF THE CHANCE VOUGHT AIRCRAFT FIPE MISSILE	Miller, C.
TN 1E157-1	11 Jun 59	PROPOSED ORDNANCE-USER DEMONSTRATION-EVALUATION TEST PLAN FOR FRENCH ENTAC T581 ANTITANK GUIDED MISSILE SYSTEM	Hodges, B.
TN 1E158-1	20 Jul 59	PRELIMINARY EVALUATION OF THE VICKERS TYPE 891 ANTITANK GUIDED MISSILE	Lindsay, C.
TN 1E159-1	8 Jun 59	U. S. ARMY ORDNANCE EVALUATION PROGRAM FOR THE FRENCH SS-11 ANTITANK MISSILE SYSTEM - FINALIZED VERSION	Hodges, B.
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TN 1E160-1	19 Jun 59	PROPOSED COMPOSITE TEST PROGRAM FOR THE XM72 LIGHT ANTITANK WEAPON (LAW) SYSTEM	Hodges, B.
TN 1E160-2	27 Jul 59	COMPOSITE TEST PROGRAM FOR THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Hodges, B.
TN 1E160-3	14 Oct 59	R&D OPERATIONAL TEST PLAN FOR PHASE IV OPERATIONAL TESTING (TEMPERATURE CLIMATIC OPERATIONS) OF LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-4	16 Oct 59	R&D OPERATIONAL TEST PLAN FOR COLD WEATHER TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-5	2 Dec 59	PHASE IV OPERATIONAL TESTING (TEMPERATURE CLIMATE OPERATIONS) OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-6	1 Dec 59	R&D OPERATIONAL TEST PLAN FOR PHASE IV OPERATIONAL TESTING (AERIAL DELIVERY) OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-7	22 Dec 59	DEVELOPMENTAL AND LIMITED ENGINEERING TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Hodges, B. Hemlett, R.
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TN 1E161-3	16 Sep 59	STATIC TEST OF ONE XM33E4 ROCKET MOTOR - TEST NO. 3	Smillie, B.
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TN 1E161-5	13 Oct 59	STATIC TEST OF ONE TX77-2 ROCKET MOTOR - TEST NO. 2	Smillie, B.

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TN 1E162-2	20 Oct 59	STATIC TEST OF A SOLID PROPELLANT ROCKET MOTOR THRUST DEFLECTOR	Cline, W.
TN 1E162-3	26 Oct 59	STATIC TEST OF A SOLID PROPELLANT ROCKET MOTOR THRUST DEFLECTOR	Cline, W.
TN 1E162-4	27 Oct 59	STATIC TEST OF ONE DOUBLE LENGTH SUSTAINER MOTOR FOR AUTOMET TEST VEHICLE	Cline, W.
TN 1E162-5	2 Dec 59	TWO THRUST DEFLECTOR TESTS USING A MODIFIED M15A1 JATO	Langston, R.
TN 1E164-2	30 Sep 59	DETERMINATION OF THE LOW TEMPERATURE LIMITATION FOR HANDLING AND FIRING THE XM22E5 MOTOR	Johnson, D.
TN 1E164-3	22 Oct 59	ENGINEERING TEST PROGRAM FOR ROCKET MOTOR, XM22E7, STATIC PHASE	Johnson, D.
TN 1E165-1	10 Sep 59	STATIC TEST OF TWO H-1 ENGINE TURBINE SPINNERS	Langston, R.
TN 1E165-2	15 Sep 59	STATIC FIRING OF TWO H-1 ENGINE TURBINE SPINNERS	Langston, R.
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TN 1E165-5	14 Dec 59	STATIC TEST OF ONE H-1 ENGINE TYPE F TURBINE SPINNER	Langston, R.
TN 1E166-1	26 Aug 59	R&D OPERATIONAL TEST PLAN FOR AERIAL DELIVERY TESTS OF THE LACROSSE HELICOPTER TRANSPORTABLE SYSTEM	Roberts, C.
TN 1E166-2	15 Sep 59	R&D OPERATIONAL TEST PLAN FOR COLD TESTS OF THE LACROSSE HELICOPTER TRANSPORTABLE SYSTEM	Roberts, C.
TN 1E166-3	3 Dec 59	AERIAL DELIVERY TESTS OF THE LACROSSE HELICOPTER TRANSPORTABLE SYSTEM	Roberts, C.
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TN 1G6N	31 Dec 59	COMPARISON OF SECOND-ORDER SHOCK-EXPANSION THEORY WITH EXPERIMENTAL DATA FOR CONE-CYLINDER-FRUSTUM BODIES OF REVOLUTION AT SUPERSONIC MACH NUMBERS	Craft, J.
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TN 1H1N-3	Aug 59 Rev	COMPRESSIBLE FLOW TABLES $k = 1.40$ ADIABATIC FLOW WITH FRICTION	Hoebich, C.
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TN 1H1N-5	Jun 59	COMPRESSIBLE FLOW TABLES $k = 1.40$ STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION	Hoebich, C.
TN 1H1N-6	Dec 59	ONE-DIMENSIONAL COMPRESSIBLE FLOW TABLES FOR A PERFECT GAS IN MACH NUMBER INCREMENTS OF 0.001 ( $k = 1.20$ ) ISENTROPIC PROCESS	Hoebich, C.
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DA-TM-10-60	3 Feb 60	STATIC LONGITUDINAL STABILITY CHARACTERISTICS OF THE MERCURY REDSTONE BOOSTER	Windham, J.
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DA-TM-14-60	23 Feb 60	CALCULATION METHOD FOR THE TRANSIENT MELTING PROCESS OF A CLASSY HEAT PROTECTION SHIELD IN THE VICINITY OF THE STAGNATION POINT OF A RE-ENTRY VEHICLE	Adams, E.
DA-TM-15-60	25 Feb 60	JUNO II - MISSILE AM-19C; TRAJECTORY DATA	Teague, R.
DA-TM-16-60	5 Feb 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 25	Smith, J.
DA-TM-17-60	18 Feb 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 19-A	Smith, J.

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DA-TM-19-60	3 Mar 60	WIND CLIMATOLOGY AND MISSILE FIRING INTERIM REPORT (PART OF FINAL REPORT)	Essenwanger, O.
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DA-TM-27-60	7 Apr 60	REVISED TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #2021 IF FIRED UNDER AN AIMING AZIMUTH OF 360.66179°	Arban, H.
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DA-TM-32-60	30 Mar 60	EFFECT OF SUN AND MOON ON PERICEE ALTITUDE BEHAVIOR AS A FUNCTION OF LAUNCH TIME MISSILE 19C (EXPLORER VIII)	Tucker, W.
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DA-TM-36-60	9 May 60	JUNO II - MISSILE AM-19D TRAJECTORY DATA	Leonard, E.
DA-TM-40-60	11 May 60	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-24	Fulmer, C. Lindberg, J.
DA-TM-41-60	12 May 60	WIND TUNNEL TEST RESULTS ON THE 3.24 PERCENT FORCE MODEL OF THE GROUP V PERSHING FIRST STAGE ASSEMBLY M = 0.70 TO 5.00	Nickel, H.

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DA-TM-44-60	25 May 60	SATURN VEHICLE: COMPARATIVE STUDY OF PERFORMANCE AND CONTROLLABILITY OF TWO-STAGE AND THREE-STAGE VERSIONS FOR LOW ALTITUDE ORBITS	Hoelker, R. Jean, O.
DA-TM-45-60	20 May 60	ACTUAL TRAJECTORY FOR JUPITER TEST FLIGHT AM-19C	Kurtz, F. Ledford, H.
DA-TM-46-60	24 May 60	TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #2022 IF FIRED UNDER AIMING AZIMUTHS OF $354.74350^{\circ}$ & $357.64292^{\circ}$	Etheridge, O. Arban, H.
DA-TM-47-60	27 May 60	EXPERIMENTAL LOAD DISTRIBUTIONS FOR THE JUPITER B10W14 CONFIGURATION IN SUPERSONIC FLOW	Lind, C. Southard, L.
DA-TM-48-60	27 May 60	ON THE COMPUTATION OF KEPLERIAN ELLIPSES	Sperling, H.
DA-TM-49-60	31 May 60	THEORETICAL INVESTIGATION OF THE ABLATION OF A GLASS-TYPE HEAT PROTECTION SHIELD AT THE STAGNATION POINT OF A RE-ENTERING IRBM FOR VARIED MATERIAL PROPERTIES OF ITS HEAT SHIELD	Adams, E.
DA-TM-50-60	26 May 60	AEROBALLISTIC EVALUATION OF JUPITER TEST FLIGHT AM-25	Fulmer, C. Lindberg, J.
DA-TM-51-60	8 Jun 60	SATURN C-1 CONTROL STUDY FOR THREE CONTROL MOTORS OPERATIVE AND POSSIBLE IMPROVEMENT MEASURES	Sullivan, E. Jean, O.
DA-TM-52-60	9 Jun 60	AEROBALLISTIC EVALUATION OF JUPITER TEST FLIGHT AM-32	Fulmer, C. Lindberg, J.
DA-TM-53-60	20 Jun 60	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-26	Lindberg, J. Fulmer, C.
DA-TM-54-60	20 Jun 60	TELEMETRY RECEPTION FROM JUPITER RE-ENTRY BODY	Payne, R.
DA-TM-55-60	27 Jun 60	PRELIMINARY EVALUATION OF PERSHING 106	Sidwell, C. Ewen, R.
DA-TM-56-60	27 Jun 60	TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #1019 IF FIRED UNDER AIMING AZIMUTHS OF $356.45913^{\circ}$ & $358.51954^{\circ}$	Etheridge, O. Arban, H.
DA-TM-57-60	28 Jun 60	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-30	Fulmer, C. Lindberg, J.
DA-TM-58-60	29 Jun 60	AEROBALLISTICS EVALUATION OF JUPITER TEST FLIGHT AM-28	Lindberg, J. Fulmer, C.
DA-TM-59-60	30 Jun 60	AEROBALLISTICS JUPITER FLIGHT RESUMES	Jones, A.



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DA-TM-61-60	7 Jul 60	TRAJECTORY DATA FOR THE TEST FIRING OF REDSTONE MISSILE #2023 IF FIRED UNDER AN AIMING AZIMUTH OF 110.62962 E FROM N	Arban, H.
DA-TR-1-60	6 Jan 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 33	Smith, J.
DA-TR-2-60	11 Jan 60	CONTROL-FEEDBACK STABILITY ANALYSIS	Rheinfurth, M.
DA-TR-3-60	20 Jan 60	EARLY ORBIT DETERMINATION SCHEME FOR THE JUNO SPACE VEHICLES	Kurtz, F. Speer, F.
DA-TR-4-60	25 Jan 60	COMPARATIVE WIND MEASUREMENTS BY BALLISTIC MISSILE, METEOROLOGICAL ROCKET AND RADIOSONDE OVER CAPE CANAVERAL, FLORIDA, 10 DECEMBER 1957	Smith, O.
DA-TR-5-60	29 Jan 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 31	Smith, J.
DA-TR-7-60	10 Feb 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 3XB2	Beck, J.
DA-TR-8-60	30 Mar 60	CALCULATION METHOD FOR THE TRANSIENT MELTING PROCESS OF A GLASSY HEAT PROTECTION SHIELD IN THE VICINITY OF THE STAGNATION POINT OF A RE-ENTRY VEHICLE	Adams, E.
DA-TR-9-60	14 Mar 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 18A2	Beck, J.
DA-TR-11-60	1 Mar 60	SUPERSONIC FLOW AROUND RIGHT CIRCULAR CONES TABLES FOR ZERO ANGLE OF ATTACK	Sims, J.
DA-TR-12-60	4 Mar 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 15A2	Beck, J.
DA-TR-13-60	21 Mar 60	DEVELOPMENT OF A FACILITY FOR AN INVESTIGATION OF THE BASE FLOW OF A CLUSTERED MOTOR CONFIGURATION	Owens, R.
DA-TR-14-60	30 Mar 60	TRAJECTORY PERTURBATIONS	Dickey, L.
DA-TR-15-60	5 Apr 60	STUDIES TOWARD A MINIMUM PROPELLANT GUIDANCE SYSTEM	Miner, W.
DA-TR-16-60	11 Apr 60	EMPIRICAL THREE-SIGMA WIND COMPONENT PROFILES 67 1/2-DEGREE MISSILE FLIGHT AZIMUTH ATLANTIC MISSILE RANGE PATRICK AFB (CAPE CANAVERAL), FLORIDA	Vaughan, W.
DA-TR-17-60	30 Mar 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 5XB2	Beck, J.
DA-TR-18-60	21 Apr 60	LINEAR PERTURBATIONS APPLIED TO A PERSHING MISSILE TRAJECTORY	Dickey, L.
DA-TR-19-60	27 Apr 60	SUPERSONIC FLOW AROUND RIGHT CIRCULAR CONES TABLES FOR SMALL ANGLE OF ATTACK	Sims, J.
DA-TR-20-60	6 Jun 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 19A2	Beck, J.

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DA-TR-21-60	13 Jun 60	PROBLEMS IN ATTITUDE STABILIZATION OF LARGE GUIDED MISSILES	Geissler, E.
DA-TR-22-60	21 Jun 60	HIGH ALTITUDE SIMULATOR	Holderer, O.
DA-TR-23-60	27 Jun 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 7XB2	Beck, J.
DA-TR-24-60	30 Jun 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 16XB1	Beck, J.
DA-TR-25-60	30 Jun 60	SOME RESULTS OF A TEST ON A PERSHING GROUP III SECOND STAGE IN AN ALTITUDE SIMULATOR	Murphree, W.
DC-TM-12-60	28 Mar 60	TELEMETERED SLANT RANGE VELOCITY FOR JUPITER MISSILE AM-19C	Newberry, M. Graham, R.
DC-TM-13-60	28 Mar 60	TELEMETERED GUIDANCE VALUES FOR JUPITER MISSILE AM-30	Newberry, M. Graham, R.
DC-TM-14-60	28 Mar 60	MEASURED TELEMETERED GUIDANCE FOR JUPITER MISSILE AM-28	Newberry, M. Graham, R.
DC-TM-15-60	28 Mar 60	MEASURED TELEMETERED GUIDANCE FOR REDSTONE MISSILE 2020	Newberry, M. Graham, R.
DC-TR-1-60	29 Jan 60	OSCILLATIONS IN TRACKING DATA RESULTING FROM ROUND OFF	Beard, L. MacGowan, R.
DFR-TM-1-60	18 Jan 60	THE ELIMINATION OF LEACHING PRODUCTS FOLLOWING TYPES I AND II ANODIZING OF 356 CAST ALUMINUM	Fitzgerald, R.
DFR-TM-02-60	7 Apr 60	STATE OF THE ART OF HIGH ENERGY FORMING	Hasemeyer, E.
DFR-TM-03-60	15 May 60	STATUS REPORT ON METAL SPINNING PROCESSES	Schuerer, P.
DG-TM-2-60	22 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-19A TEST FLIGHT	Nicaise, P.
DG-TM-5-60	18 Feb 60	ON STABILITY REGIONS OF POLYNOMIALS HAVING PARAMETER DEPENDENT COEFFICIENTS	Lehnigk, S.
DG-TM-6-60	15 Feb 60	PERSHING MISSILE SYSTEM PREFLIGHT CERTIFICATION TEST RESULTS LEV-3 MOD II AUTO-PILOT	Lide, W.
DG-TM-7-60	13 May 60	RIM AREA MAINTENANCE CONCEPT FOR HYDRAULIC ACTUATORS (PITCH AND YAW, PART NO. 8961641, AND ROLL, PART NO. 8961634) JUPITER IOC MISSILE	Holmes, G.
DG-TM-9-60	24 Feb 60	RIM AREA MAINTENANCE CONCEPT FOR POWER DISTRIBUTION (PART NO. 8966115) ON THE JUPITER IOC MISSILE	Frey, P.
DG-TM-10-60	24 Feb 60	RIM AREA MAINTENANCE CONCEPT FOR CONTROL COMPUTER MOD 0 (PART NO. 8961084) JUPITER IOC MISSILE	
DG-TM-11-60	15 Mar 60	STATUS REPORT ON THE ABMA PROPOSED MISS-DISTANCE INDICATOR FOR THE NIKE ZEUS TARGET PROGRAM	Clinton, R.
DG-TM-12-60	19 Feb 60	GUIDANCE COMPUTER INDICATORS FOR JUPITER MISSILE J-AM-26 (TELEMETER REDUCTION)	

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DG-TM-13-60	5 May 60	KIM AREA MAINTENANCE CONCEPT FOR LATERAL GUIDANCE COMPUTER MOD 0 (PART NO. 8975010) JUPITER IOC MISSILE	
DG-TM-16-60	6 Apr 60	ENGINEERING EVALUATION TEST PLAN FOR UDOP TRANSPONDER AN/DRN-11	Duggan, O.
DG-TM-17-60	6 Apr 60	STABILITY AND CONTROL CHARACTERISTICS FOR PERSHING 106 AND SUBSEQUENT GROUP I MISSILE	Jones, C.
DG-TM-18-60	1 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-24 TEST FLIGHT	Wynn, S.
DG-TM-20-60	12 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE CM-33 TEST FLIGHT	Wynn, S.
DG-TM-21-60	12 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE CM-31 TEST FLIGHT	Wynn, S.
DG-TM-22-60	5 Apr 60	GOOD GUIDANCE SIGNAL FOR JUPITER WARHEAD ARMING SEQUENCE	Weyler, G.
DG-TM-23-60	13 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-32 TEST FLIGHT	Wynn, S.
DG-TM-24-60	13 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-26 TEST FLIGHT	Wynn, S.
DG-TM-25-60	13 Apr 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-25 TEST FLIGHT	Wynn, S.
DG-TM-27-60	15 Apr 60	ABMA TEST RESULTS FOR RADIO RECEIVING SET AN/DRW-13 (XO-2)	
DG-TM-29-60	27 Jun 60	RIM AREA MAINTENANCE CONCEPT FOR MAIN DISTRIBUTOR (PART NO. 8966114) JUPITER IOC MISSILE	
DG-TM-30-60	18 May 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-30 TEST FLIGHT	Wynn, S.
DG-TM-31-60	12 May 60	PRELIMINARY EVALUATION OF JUPITER MISSILE AM-28 TEST FLIGHT	Wynn, S.
DG-TM-33-60	8 Jun 60	GUIDANCE AND CONTROL LABORATORY PRELIMINARY EVALUATION OF PERSHING MISSILE 106 & 107 TEST FLIGHT	Hammers, F.
DG-TN-8-60	16 May 60	RIM AREA MAINTENANCE CONCEPT FOR SLANT RANGE GUIDANCE COMPUTER MOD 0 (PART NO. 8975009) JUPITER IOC MISSILE	
DG-TR-4-60	18 Feb 60	DEVELOPMENT REPORT NO. 3 ON PRINTED CABLES AND CONNECTORS	
DG-TR-7-60	1 May 60	DEVELOPMENT AND TESTING OF IGY SATELLITE SEPARATION DEVICE	Wagner, W.
DI-TM-1-60	14 Mar 60	AN ANALYSIS OF THE DEGREE OF SUCCESS ATTAINED IN THE LAUNCHING OF LARGE BALLISTIC MISSILES	

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DIM-TN-35-60	10 May 60	LUNAR SUBSURFACE SAMPLING DEVICE	Ricks, E. (Co-author)
DMCR-TR-1.1-60	12 Feb 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-28	
DMCR-TR-2.1-60	25 Feb 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUPITER MISSILE AM-30	
DMCR-TR-10.1-60	22 Mar 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 105	
DMCR-TR-11.1-60	8 Apr 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2020	
DMCR-TR-14.1-60	8 Apr 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT JUNO II VEHICLE AM-19C	
DMCR-TR-19.1-60	5 May 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 106	
DMCR-TR-24.1-59	26 May 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 107	
DMCR-TR-25.1-60	27 Jun 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 108	
DMCR-TR-32.1-60	18 Jul 60	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 109	
DMG-32.4-60	20 Jun 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE P-109	Childs, D.
DMG-33.4-60	20 Jun 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE P-110	Childs, D.
DMG-TR-1.4-60	4 Jan 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-28	Twigg, J.
DMG-TR-2.4-60	4 Jan 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUPITER MISSILE AM-30	Twigg, J.
DMG-TR-10.4-60	10 Feb 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE PM-105	Childs, D.
DMG-TR-11.4-60	11 Feb 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT REDSTONE MISSILE 2020	
DMG-TR-14.4-60	8 Mar 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT JUNO II MISSILE AM-19C	Twigg, J.
DMG-TR-18.4-60	24 Mar 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT REDSTONE MISSILE 2023	Moser, R.
DMG-TR-19.4-60	6 Apr 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE P-106	Childs, D.
DMG-TR-24.4-60	26 Apr 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE P-107	Childs, D.
DMG-TR-25.4-60	27 Apr 60	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT PERSHING MISSILE P-108	Childs, D.

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DMM-TR-9-60	Feb 60	A COMMITTEE STUDY OF BLAST POTENTIALS AT THE SATURN LAUNCH SITE AND A CONTRACTOR STUDY OF BLAST FORCES ON STRUCTURES	Hall, C.
DMMA-TR-1.3-60	19 Feb 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-28	Martin, T.
DMMA-TR-2.3-60	7 Mar 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING SITE REPORT JUPITER MISSILE AM-30	Martin, T.
DMMA-TR-10.3-60	22 Mar 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT PERSHING 105	Martin, T.
DMMA-TR-11.3-60	12 Apr 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2020	Martin, T.
DMMA-TR-14.3-60	15 Apr 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUNO II VEHICLE AM-19C	Martin, T.
DMMA-TR-19.3-60	3 May 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT PERSHING MISSILE 106	Martin, T.
DMMA-TR-24.3-60	20 May 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT PERSHING MISSILE 107	Martin, T.
DMMA-TR-25.3-60	30 Jun 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT PERSHING MISSILE 108	Martin, T.
DMMA-TR-49.3-59	15 Jan 60	FIRING SITE WEIGHT REPORT PART III OF THE FIRING TEST REPORT JUPITER MISSILE AM-26	Martin, T.
DMQ-TR-1.2b-60	7 Mar 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-28	Baylis, J.
DMQ-TR-2.2b-60	5 Apr 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-30	Baylis, J. Hinds, N.
DMQ-TR-10.2b-60	5 Apr 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT PERSHING MISSILE 105	Baylis, J. Hinds, N.
DMQ-TR-11.2b-60	21 Apr 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2020	Hinds, N. Baylis, J.
DMQ-TR-14.2b-60	27 Apr 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUNO II MISSILE AM-19C	Baylis, J. Hinds, N.
DMQ-TR-19.2b-60	18 May 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT PERSHING MISSILE 106	Baylis, J. Hinds, N.
DMQ-TR-24.2b-60	13 Jun 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT PERSHING MISSILE 107	Hinds, N. Baylis, J.
DMQ-TR-25.2b-60	6 Jul 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT PERSHING MISSILE 108	Baylis, J. Hinds, N.
DMQ-TR-41.2b-59	12 Jan 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-25	Baylis, J. Hinds, N.
DMQ-TR-48.2b-59	21 Jan 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-32	Baylis, J. Hinds, N.

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DMQ-TR-49.2b-59	30 Jan 60	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT JUPITER MISSILE AM-26	Baylis, J. Hinds, N.
DMTR-TR-27-60	8 Jun 60	ELECTRONIC TRACKING INSTRUMENTATION HISTORY, ADDENDUM	Keene, L.
DMTR-TR-1.2a-60	30 Jan 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-28	Gwinn, R. Collins, D.
DMTR-TR-2.2a-60	12 Feb 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUPITER MISSILE AM-30	Gwinn, R. Collins, D.
DMTR-TR-3-60	4 Jan 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-28	Gwinn, R. Collins, D.
DMTR-TR-4-60	5 Jan 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUPITER MISSILE AM-30	Gwinn, R. Collins, D.
DMTR-TR-5-60	15 Jan 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 105	Cooper, W. Collins, D.
DMTR-TR-6-60	15 Jan 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-28	Gwinn, R. Collins, D.
DMTR-TR-7-60	26 Jan 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 JUPITER MISSILE AM-30	Gwinn, R. Collins, D.
DMTR-TR-8-60	4 Feb 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 PERSHING MISSILE 105	Cooper, W. Collins, D.
DMTR-TR-10.2a-60	7 Mar 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT PERSHING MISSILE 105	Cooper, W. Collins, D.
DMTR-TR-11.2a-60	22 Mar 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT REDSTONE MISSILE CC-2020	Gwinn, R. Collins, D.
DMTR-TR-12-60	19 Feb 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 REDSTONE MISSILE CC-2020	Gwinn, R. Collins, D.
DMTR-TR-13-60	7 Mar 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 JUNO II VEHICLE AM-19C	Gwinn, R. Collins, D.
DMTR-TR-14.2a-60	30 Mar 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT JUNO II	Gwinn, R. Collins, D.
DMTR-TR-15-60	11 Mar 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 2 REDSTONE MISSILE CC-2020	Gwinn, R. Collins, D.
DMTR-TR-16-60	18 Apr 60	BALLISTIC CAMERA DATA REDUCTION ANALYSIS PROCEDURES	Keene, L.
DMTR-TR-17-60	16 Mar 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 106	Cooper, W. Collins, D.
DMTR-TR-19-60	18 Mar 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 11 JUNO II VEHICLE AM-19C	Gwinn, R. Collins, D.
DMTR-TR-19.2a-60	29 Apr 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT PERSHING MISSILE 106	Cooper, W. Collins, D.

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DMTR-TR-20-60	20 Apr 60	PRELIMINARY INSTRUMENTATION PLAN MERCURY-REDSTONE PROGRAM	Gwinn, R. Collins, D.
DMTR-TR-21-60	27 Apr 60	HISTORY OF THE USE OF BALLISTIC CAMERAS IN THE ABMA MISSILE PROGRAM	Keene, L.
DMTR-TR-23-60	29 Apr 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 107	Cooper, W. Collins, D.
DMTR-TR-24.2a-60	18 May 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT PERSHING MISSILE 107	Cooper, W. Collins, D.
DMTR-TR-25.2a-60	13 Jun 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT PERSHING MISSILE 108	Cooper, W. Collins, D.
DMTR-TR-26-60	24 May 60	BALLISTIC CAMERA DATA REDUCTION ANALYSIS PROCEDURES	Keene, L.
DMTR-TR-28-60	2 Jun 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 108	Cooper, W. Collins, D.
DMTR-TR-29-60	8 Jun 60	PRELIMINARY INSTRUMENTATION PLAN FOR SATURN BLOCK I	Gwinn, R. Collins, D.
DMTR-TR-30-60	8 Jun 60	STATUS OF FLIGHT INSTRUMENTATION PLANNING AS OF 26 MAY 1960	Collins, D. Gwinn, R.
DMTR-TR-31-60	17 Jun 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 109	Cooper, W. Collins, D.
DMTR-TR-32.2a-60	30 Jun 60	CONSOLIDATED INSTRUMENTATION PLAN PART IIA OF THE FIRING TEST REPORT PERSHING MISSILE 109	Cooper, W. Collins, D.
DMTR-TR-34-60	23 Jun 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 3 REDSTONE MISSILE CC-2023	
DMTR-TR-35-60	5 Jul 60	PRELIMINARY INSTRUMENTATION PLAN GROUP II PERSHING MISSILE	Cooper, W. Collins, D.
DMTR-TR-36-60	30 Jun 60	PROVISIONAL INSTRUMENTATION PLAN NUMBER 1 PERSHING MISSILE 110	Cooper, W. Collins, D.
DRM-TM-1-60	5 Jan 60	FINAL MECHANICAL ANALYSIS FOR LAUNCHING AM-30	Lovell, C. Fisher, A.
DRM-TM-2-60	5 Jan 60	FINAL ALIGNMENT REPORT, AM-30	Walker, J. Kerr, W.
DRM-TM-3-60	16 Jan 60	FINAL MECHANICAL ANALYSIS OF CM-202 MISSILE ASSEMBLY	Lovell, C. Fisher, A.
DRM-TM-4-60	16 Jan 60	FINAL ALIGNMENT OF CM-202 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-5-60	16 Jan 60	FINAL MECHANICAL ANALYSIS OF CM-203 MISSILE ASSEMBLY	Lovell, C. Fisher, A.
DRM-TM-6-60	16 Jan 60	FINAL ALIGNMENT OF CM-203 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-7-60	22 Jan 60	FINAL MECHANICAL ANALYSIS OF CM-201 MISSILE ASSEMBLY	Lovell, C. Fisher, A.

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DRM-TM-8-60	16 Jan 60	FINAL ALIGNMENT OF CM-201 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-9-60	20 Jan 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-201	
DRM-TM-10-60	20 Jan 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-202	
DRM-TM-11-60	20 Jan 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-203	
DRM-TM-14-60	8 Feb 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-204	
DRM-TM-15-60	5 Feb 60	FINAL ALIGNMENT REPORT OF CM-205 THRUST UNIT COMPONENTS	Kerr, W.
DRM-TM-16-60	24 Feb 60	FINAL MECHANICAL ANALYSIS OF CM-205 MISSILE ASSEMBLY	Lovell, C. Fisher, A.
DRM-TM-17-60	20 Jan 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-202	Kerr, W.
DRM-TM-18-60	10 Feb 60	FINAL ALIGNMENT REPORT OF CM-206 THRUST UNIT COMPONENTS	Kerr, W.
DRM-TM-19-60	12 Feb 60	FINAL MECHANICAL ANALYSIS OF CM-206 MISSILE ASSEMBLY	Pickard, M. Fisher, A.
DRM-TM-20-60	17 Feb 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-206	Kerr, W.
DRM-TM-21-60	8 Mar 60	FINAL ALIGNMENT REPORT OF CM-207 THRUST UNIT	Kerr, W.
DRM-TM-22-60	9 Mar 60	FINAL MECHANICAL ANALYSIS OF CM-207 MISSILE ASSEMBLY	Fisher, A. Pickard, M.
DRM-TM-23-60	8 Mar 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-207	
DRM-TM-24-60	3 Mar 60	FINAL ALIGNMENT REPORT OF CM-208 THRUST UNIT	Kerr, W.
DRM-TM-25-60	23 Mar 60	FINAL MECHANICAL ANALYSIS OF CM-208 MISSILE ASSEMBLY	Pickard, M. Fisher, A.
DRM-TM-26-60	1 Apr 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-208	
DRM-TM-27-60	22 Mar 60	FINAL ALIGNMENT REPORT OF CM-209 THRUST UNIT COMPONENTS	Kerr, W.
DRM-TM-28-60	1 Apr 60	FINAL MECHANICAL ANALYSIS OF CM-209 MISSILE ASSEMBLY	Pickard, M. Fisher, A.
DRM-TM-29-60	7 Apr 60	MECHANICAL REPORTS AND DOCUMENTATION JUPITER MISSILE CM-209	
DRM-TM-30-60	29 Jan 60	FINAL MECHANICAL ANALYSIS OF MISSILE AM-116 PRIOR TO STORAGE	Foster, R. Fisher, A.
DRM-TM-31-60	14 Feb 60	FINAL ALIGNMENT REPORT, AM-19C	Walker, J. Kerr, W.



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DRM-TM-32-60	11 Feb 60	FINAL MECHANICAL ANALYSIS OF MISSILE AM-19C FOR LAUNCHING	Pickard, M. Fisher, A.
DRM-TM-33-60	25 Feb 60	FINAL MECHANICAL ANALYSIS OF MISSILE AM-117 PRIOR TO STORAGE	Foster, R. Fisher, A.
DRM-TM-34-60	1 Mar 60	DETERMINATION OF GEOMETRIC THRUST VECTOR FOR S-3D ROCKET ENGINES	Hendricks, E.
DRM-TM-35-60	21 Mar 60	FINAL MECHANICAL ANALYSIS OF MISSILE AM-118 PRIOR TO STORAGE	Fisher, A. Foster, R.
DRM-TM-36-60	12 Apr 60	FINAL ALIGNMENT REPORT OF AM-116 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-37-60	27 Apr 60	FINAL ALIGNMENT REPORT OF AM-117 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-38-60	27 Apr 60	FINAL ALIGNMENT REPORT OF AM-118 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-39-60	27 Apr 60	FINAL ALIGNMENT REPORT OF AM-120 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-40-60	7 Apr 60	FINAL ALIGNMENT REPORT OF AM-121 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-42-60	6 May 60	FINAL ALIGNMENT REPORT OF AM-119 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-43-60	2 Jun 60	FINAL MECHANICAL ANALYSIS OF MISSILE 119	Fisher, A. Foster, R.
DRM-TM-44-60	6 Jun 60	FINAL ALIGNMENT REPORT OF AM-113 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-45-60	6 Jun 60	FINAL ALIGNMENT REPORT OF AM-114 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-46-60	6 Jun 60	FINAL ALIGNMENT REPORT OF AM-115 THRUST UNIT COMPONENTS	Walker, J.
DRM-TM-47-60	21 Jun 60	FINAL MECHANICAL ANALYSIS OF MISSILE AM-120	Fisher, A. Foster, R.
DRP-TN-1-60	15 Mar 60	MERCURY-REDSTONE ABORT SYSTEMS DESCRIPTION	Bryan, F.
DRR-TM-1-60	18 Jan 60	PERSHING QUALITY REPORT NUMBER 5 FOR OCTOBER 1959	
DRR-TM-3-60	16 Jan 60	PRELIMINARY OVERALL ENVIRONMENTAL REQUIREMENTS FOR SATURN STAGE S-IV	Fiquett, C.
DRR-TM-4-60	8 Jan 60	PRELIMINARY OPERATIONAL CAPABILITIES PROGRAM	
DRR-TM-5-60	14 Jan 60	RELIABILITY PROGRAM SPECIFICATIONS	
DRR-TM-6-60	16 Jan 60	PARTS QUALIFICATION AND STANDARDIZATION PROGRAM	
DRR-TM-7-60	16 Jan 60	GROUND SUPPORT EQUIPMENT SATURN S-IV PRELIMINARY ENVIRONMENTAL SPECIFICATIONS	Garrett, S.
DRR-TM-8-60	25 Jan 60	PERSHING QUALITY REPORT NUMBER 6 FOR NOVEMBER 1959	
DRR-TM-9-60	26 Jan 60	TEST REPORT FOR PERSHING PREFLIGHT CERTIFICATION TESTING OF THE PULSE TIME MODEL 4 PART NO. 10600401	Hill, H.

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DRR-TM-10-60	29 Feb 60	AN ANALYSIS OF THE MERCURY-REDSTONE BOOSTER RECOVERY SYSTEM PROBABILITY OF MALFUNCTION	Levinson, J. Schneider, J.
DRR-TM-13-60	13 Jan 60	APPORTIONMENT OF RELIABILITY GOALS: ANALYSIS OF METHOD REPT. EDL-M210	Dalton, C.
DRR-TM-16-60	4 Apr 60	TEST REPORT OF PERSHING PREFLIGHT CERTIFICATION TESTING OF 1800 VA INVERTER-SYNCHRONIZER MOD 2	Hoffer, E. Honeycutt, T.
DRR-TM-21-60	1 Jun 60	ABMA REQUIREMENTS FOR ORDNANCE INSPECTION PERSHING GUIDANCE AND CONTROL SYSTEM BENDIX CORPORATION, ECLIPSE-PIONEER DIVISION	Jones, B. Harrell, W.
DRR-TM-23-60	20 Jun 60	PERSHING QUALITY REPORT NUMBER 10 FOR MARCH 1960	
DRR-TM-11-60	14 Mar 60	PERSHING QUALITY REPORT NUMBER 7 FOR DECEMBER 1959	
DRR-TM-15-60	12 Mar 60	TEST REPORT PRE-FLIGHT CERTIFICATION TESTING OF THE PERSHING "J" PROGRAM DEVICE - MODEL 1	Benton, J. Triche, A.
DRR-TM-17-60	8 Apr 60	PERSHING QUALITY REPORT NUMBER 8 FOR JANUARY 1960	
DRR-TM-20-60	17 May 60	PERSHING QUALITY REPORT NUMBER 9 FOR FEBRUARY 1960	
DRR-TM-24-60	15 Jun 60	UNSATISFACTORY CONDITION REPORT SUMMARY FROM THE INTEGRATED WEAPONS SYSTEM TRAINING SITE	Richardson, J.
DRR-TM-25-60	24 Jun 60	TESTING OF THE REDSTONE CONTROL RELAY BOX - MOD 4 TEST REPORT	Hall, L.
DRR-TM-26-60	30 Jun 60	PERSHING QUALITY REPORT NUMBER 11 FOR APRIL 1960	
DRR-TM-27-60	30 Jun 60	ABMA REQUIREMENTS FOR ORDNANCE INSPECTION PERSHING TRANSPORTER ERECTOR LAUNCHER SYSTEM THOMPSON RAMO WOOLDRIDGE, INC. CLEVELAND, OHIO	Neumeyer, R. Harrell, W.
DRT-TM-1-60	11 Jan 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-202	
DRT-TM-2-60	12 Jan 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-203	
DRT-TM-3-60	15 Jan 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-201	Moultrie, B. Engman, L. Smith, J.
DRT-TM-4-60	15 Jan 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-204	Morelli, R. Hall, L. Hawks, W.
DRT-TM-5-60	29 Jan 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-206	
DRT-TM-6-60	15 Feb 60	FINAL ACCEPTANCE TEST REPORT JUPITER MISSILE AM-19C	
DRT-TM-7-60	16 Feb 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-205	
DRT-TM-8-60	7 Mar 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-207	Brooks, E.

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DRT-TM-9-60	10 Mar 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-209	
DRT-TM-11-60	22 Mar 60	FINAL ELECTRICAL SYSTEMS ACCEPTANCE TEST REPORT JUPITER MISSILE CM-208	Brooks, E.
DRT-TM-13-60	15 Mar 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 113	
DRT-TM-14-60	15 Mar 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 116	
DRT-TM-15-60	15 Mar 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 112	
DRT-TM-16-60	15 Mar 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 106	
DRT-TM-17-60	15 Mar 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 104	
DRT-TM-18-60	15 May 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 114	
DRT-TM-18-60	15 May 60	ELECTRICAL SYSTEMS TEST REPORT JUPITER MISSILE 114	
DSD-TM-1-60	28 Jan 60	PREDICTED PROPULSION SYSTEMS PERFORMANCE FOR MERCURY-REDSTONE (MR-1)	Gibson, C.
DSD-TM-3-60	30 Mar 60	FUEL FLOW RATE CONTROL PROCEDURES FOR THE BLOCK III JUPITER IOC MISSILE IN COLD AND WARM ENVIRONMENTAL CONDITIONS	Randolph, W. Burrows, D.
DSD-TM-4-60	16 Mar 60	PREDICTED POWER UNIT FLIGHT PERFORMANCE OF JUPITER AM-19D - AM-19G (JUNO II)	Earle, J. Turner, R.
DSD-TM-5-60	18 Mar 60	THERMAL ENVIRONMENT ANALYSIS UNIT REPORT ANALYSIS OF AMBIENT TEMPERATURES INSIDE TAIL UNITS OF JUPITER MISSILES	Eret, D. Thionnet, C.
DSD-TM-6-60	13 Apr 60	SOME AERODYNAMIC HEATING CONSIDERATIONS FOR NIKE ZEUS IRBM TARGET MISSILES	Burleson, W. Robertson, S.
DSD-TM-7-60	5 Apr 60	A SPECIAL CASE OF THERMAL CONDUCTION IN AN ANISOTROPIC MEDIUM	Robertson, S.
DSD-TM-8-60	3 May 60	JUPITER MISSILE NOSE CONE RE-ENTRY ABLATION MEASURING PROGRAM	Emanuel, G.
DSD-TM-9-60	8 Jun 60	PRELIMINARY EVALUATION OF THE BLOCK I SATURN S-I STAGE PERFORMANCE CHARACTERISTICS	Black, P. Igou, J.
DSD-TM-10-60	2 Jun 60	COMPARISON OF CALCULATED AND INFLIGHT MEASURED DATA FOR METALLIC AND FIBER REINFORCED MATERIALS ON HYPERSONIC VEHICLES	Burleson, W.
DSD-TR-1-60	11 Jan 60	ALTITUDE CUTOFF IMPULSE OF JUPITER MISSILE	Askew, W. Varnedoe, E.
DSD-TR-2-60	21 Jan 60	JUPITER MISSILE AM-25 THERMAL ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS, SPECIAL MEASUREMENTS, AND SKIN TEMPERATURE DATA	Thionnet, C. Vaughan, O.
DSD-TR-3-60	21 Jan 60	PERFORMANCE EVALUATION UNIT SYSTEMS REPORT OF PROPULSION UNIT AND ASSOCIATED SYSTEMS OF JUPITER C MISSILE RS-26 LAUNCHING NO. 38 ON 5 MARCH 1958	Emanuel, G. Vaughan, O.

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DSD-TR-4-60	21 Jan 60	VERNIER ENGINE OPERATION	Anas, G. Askew, W.
DSD-TR-5-60	21 Jan 60	JUPITER MISSILE AM-25 FLIGHT ANALYSIS OF PROPULSION AND ASSOCIATED SYSTEMS	Askew, W. Cobb, W.
DSD-TR-6-60	29 Jan 60	EVALUATION OF THE THERMAL PERFORMANCE OF THE ABLATION MATERIALS ON RECOVERED JUPITER IRBM RE-ENTRY NOSE CONES	Schoiten, W.
DSD-TR-7-60	4 Feb 60	ENVIRONMENT ANALYSIS UNIT SYSTEMS REPORT ENVIRONMENTAL CONTROL SYSTEMS, SPECIAL MEASURE- MENTS AND SKIN TEMPERATURE DATA LAUNCHING NO. 32 ON 16 DECEMBER 1959	Thionnet, C.
DSD-TR-8-60	15 Feb 60	JUPITER MISSILE AM-32 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Varnedoe, E.
DSD-TR-9-60	9 Feb 60	FINAL ANALYSIS OF MISSILE POWER UNIT FLIGHT PERFORMANCE AND LAUNCHING REQUIREMENTS FOR JUPITER IOC BLOCKS I AND II	Eudy, R. Igou, J.
DSD-TR-11-60	3 Mar 60	JUPITER MISSILE AM-32 FLIGHT THERMAL ENVIRONMENT ANALYSIS TEMPERATURE AND PRESSURE CONTROL SYSTEMS, STRUCTURAL AND ENVIRONMENTAL TEMPERA- TURES, AND SPECIAL MEASUREMENTS LAUNCHING NO. 31 ON 9 DECEMBER 1959	Eret, D.
DSD-TR-12-60	4 Apr 60	JUPITER MISSILE AM-26 FLIGHT ANALYSIS OF PROPULSION AND ASSOCIATED SYSTEMS	Anas, G.
DSD-TR-13-60	23 Mar 60	JUPITER MISSILE AM-28 PROPULSION UNIT AND ASSOCIATED SYSTEMS	Williamson, H.
DSD-TR-15-60	16 Mar 60	JUPITER MISSILE AM-28 FLIGHT THERMAL ENVIRONMENT ANALYSIS TEMPERATURE AND PRESSURE CONTROL SYSTEMS, THERMAL ENVIRONMENT, AND SPECIAL MEASUREMENTS	Emanuel, G.
DSD-TR-16-60	18 Mar 60	JUPITER MISSILE AM-30 FLIGHT THERMAL ENVIRONMENT ANALYSIS TEMPERATURE AND PRESSURE CONTROL SYSTEMS, THERMAL ENVIRONMENT, AND SPECIAL MEASUREMENTS	Thionnet, C.
DSD-TR-17-60	30 Mar 60	TYPICAL FLIGHT PERFORMANCE OF JUPITER MISSILE PROPULSION UNIT AND ASSOCIATED SYSTEMS	Johnston, C. Williamson, H.
DSD-TR-18-60	23 Mar 60	FINAL FLIGHT PERFORMANCE ANALYSIS OF COMBUSTION CHAMBER PRESSURE CONTROL SYSTEM	Cobb, W.
DSD-TR-19-60	14 Apr 60	ANALYSIS OF THE FLIGHT PERFORMANCE OF THE SWIVELED TURBINE EXHAUST NOZZLE AS UTILIZED ON THE JUPITER MISSILE	Varnedoe, E.
DSD-TR-20-60	25 Apr 60	JUPITER MISSILE AM-19C (JUNO II) FLIGHT THERMAL ENVIRONMENT ANALYSIS SYSTEMS REPORT TEMPERATURE AND PRESSURE CONTROL SYSTEMS FOR GUIDANCE AND CONTROL EQUIPMENT AND COVER ASSEMBLY SKIN TEMPERATURE DATA LAUNCHING NO. 35 ON 23 MARCH 1960	Thionnet, C.
DSD-TR-21-60	13 Jul 60	JUPITER MISSILE AM-30 FLIGHT ANALYSIS OF PROPULSION UNIT AND ASSOCIATED SYSTEMS	Anas, G.

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DSD-TR-22-60	2 Jun 60	REDSTONE MISSILE CC-57 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Wright, W.
DSD-TR-24-60	9 Jun 60	REDSTONE MISSILE CC-48 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS LAUNCHING DATA - 11 JUNE 1958	McDonald, N.
DSD-TR-25-60	9 Jun 60	REDSTONE MISSILE CC-45 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Wright, W.
DSD-TR-26-60	9 Jun 60	FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS - REDSTONE MISSILE CC-51 LAUNCHING DATE, 11 AUGUST 1958	Castleberry, J.
DSD-TR-29-60	13 Jul 60	REDSTONE MISSILE CC-54 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS LAUNCHING DATE, -24 JUNE 1958	McDonald, N.
DSF-TM-1-60	11 Jan 60	EXPECTED BENDING MODES AND FREQUENCIES OF PROJECT MERCURY MR-1	Bullock, T.
DSF-TM-2-60	21 Apr 60	PRELIMINARY VIBRATION ANALYSIS OF SATURN SA-1 (CASE V)	Bullock, T.
DSF-TM-3-60	18 May 60	STUDY OF SOLAR ENERGY CONCENTRATORS	Blumrich, J.
DSL-1M-2-60	22 Jan 60	MISSILE DESCRIPTION OF JUNO II MISSILE AM-19C	Uherka, M.
DSL-TM-5-60	6 Jan 60	SATURN BOOSTER DESCRIPTION (SA-T AND SA-1)	Uherka, M.
DSL-TM-17-60	18 Apr 60	ANALYTICAL WEIGHT ANALYSIS OF SATURN VEHICLE SA-1	
DSL-TM-19-60	25 Apr 60	CALCULATED MASS CHARACTERISTICS FOR MERCURY-REDSTONE MR-1 WITH AND WITHOUT PROPELLANTS	Drummond, J.
DSL-TM-20-60	25 Apr 60	DESCRIPTION OF MERCURY-REDSTONE VEHICLE MR-1	Uherka, M.
DSN-TM-2-60	8 Jan 60	A COMPARISON OF GOODYEAR AIRCRAFT CORPORATION MATERIALS, P-7000 AND P-7200, IN ONE JUPITER "C" MODEL	Uptagrafft, F.
DSN-TM-3-60	27 Jan 60	AN EVALUATION OF CERAMIC CONES FROM BATTELLE MEMORIAL INSTITUTE FOR THE PERIOD OF JUNE TO DECEMBER 1958	Johnson, J.
DSN-TM-4-60	25 Mar 60	A PRELIMINARY EVALUATION OF THERMAL INSULATION APPLIED BY TAPE WRAPPING TECHNIQUES	Johnson, J.
DSN-TM-5-60	2 May 60	LAP WOUND TAPE FOR HYPERTHERMAL INSULATION OF THE NIKE ZEUS TARGET DRONE	Holmes, C.
DSN-TM-6-60	9 May 60	AN INVESTIGATION OF CINCINNATI TESTING LABORATORY MATERIALS FOR APPLICATION TO THE NIKE ZEUS TARGET DRONE PROGRAM	Soileau, I.
DSN-TM-7-60	12 May 60	A BRIEF REVIEW OF THE ABMA ABLATION MATERIALS PROGRAM	Lucas, W. Kingsbury, J.
DSN-TM-8-60	12 May 60	AN APPARATUS FOR THE STUDY OF LUBRICATION IN VACUUM	Werner, L. Osia, C.

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DSN-TM-9-60	20 Jun 60	TREATMENT OF ALLPAX GASKET MATERIAL FOR LOX SERVICE	Key, C. Moore, L.
DSN-TM-10-60	22 Jun 60	EVALUATION OF PR 1910 COATING FOR HEAT PROTECTION	King, H.
DSN-TM-11-60	2 May 60	A STUDY OF AGENTS AND METHODS FOR EXTINGUISHING PROPELLANT FIRES IN MISSILES AND RELATED EQUIPMENT	Curry, J.
DSN-TR-1-60	21 Jun 60	STUDIES ON FILTERS FOR MISSILE HYDRAULIC SYSTEMS	Riehl, W. Hawkins, C.
DSP-TM-1-60	10 Feb 60	SATURN: 24-HOUR SATELLITE FOR ULTRAVIOLET ASTRONOMY	Swanson, C. Festa, R.
DSP-TM-2-60	24 Feb 60	SOME SELECT PHYSIOLOGICAL, ANTHROPOMETRIC, AND HUMAN ENGINEERING DATA USEFUL IN VEHICLE DESIGN AND LOGISTIC PROBLEMS OF SPACE FLIGHT OPERATIONS	Carter, J.
DSP-TM-3-60	29 Feb 60	DESIGN CRITERIA AND THEIR APPLICATION TO ECONOMICAL MANNED SATELLITES	Doelle, H. Engler, E. Massey, J.
DSP-TM-5-60	12 May 60	TWENTY-FOUR HOUR SATELLITE MOTIONS OF THE ORBIT PLANE DUE TO SECULAR PERTURBATIONS	Perry, W.
DSP-TM-6-60	26 May 60	ARTIFICIAL EARTH SATELLITES OF 1959	Stafford, W.
DSP-TM-7-60	3 Jun 60	ENGINE AREA RATIO OPTIMIZATION FOR SATURN C-2 SECOND STAGE	Dobbins, E.
DSP-TM-8-60	13 Jun 60	SATURN SEPARATION TECHNIQUES C-2 CONFIGURATION	Ifshin, D.
DSP-TM-9-60	15 Jun 60	HISTORICAL RESUME OF MANNED SPACE STATIONS	Massey, J.
DSP-TR-1-60	4 Mar 60	BASIC REQUIREMENTS FOR THE EXPLORATION OF JUPITER AND ITS MOONS	Straly, W. Voss, R.
DSP-TR-2-60	20 Jun 60	COMPARISON OF PRECALCULATED ORBITAL ELEMENTS OF THE ARMY EXPLORER SATELLITES WITH THE ACTUAL ELEMENTS DERIVED FROM OBSERVATIONS	Krause, H. DeWitt, R.
DSRP-TM-1-60	6 Apr 60	PERSHING PROPULSION PROGRAM	Mitchell, C. Jones, T.
DT-TM-1-60	1 Mar 60	STANDARD PROCEDURE FOR USING UNITS OF MASS, WEIGHT, FORCE, PRESSURE AND ACCELERATION	Schuler, A.
DT-TM-2-60	29 Apr 60	CATHODE FOLLOWERS AND FEEDBACK AMPLIFIERS WITH HIGH CAPACITANCE LOADS	Greenwood, T.
DT-TR-1-60	2 May 60	MEASURING ACCURACIES OF THE JUPITER MISSILE FLOWMETERS	McElroy, C.
DTR-TR-2-60	20 Jan 60	PRELIMINARY ESTIMATION OF ACOUSTIC CONDITIONS AT THE SATURN LAUNCH COMPLEX DURING THE INITIAL PART OF A FLIGHT OF THE SATURN BOOSTER	Dorland, W.
DV-Jan 60	Jan 60	BASIC RESEARCH IN ASTROBIOLOGY	Young, R.
DV-21 Jan 60	21 Jan 60	SPACE MISSIONS FOR ION PROPULSION SYSTEMS	Stuhlinger, E.
DV-1M-1-60	19 Jan 60	THE TEMPERATURES OF MERCURY, VENUS, AND MARS	Schocken, E.

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DV-TM-11-60	17 May 60	PROBLEMS CONCERNING THE THERMAL DESIGN OF EXPLORER SATELLITES	Heller, G.
DV-TM-15-60	25 Jun 60	THERMAL DESIGN AND TESTING OF S-46	Snoddy, W.
DV-TN-3-60	10 Feb 61	THE ANGULAR DISTRIBUTION OF INFRARED RADIATION	Schocken, K.
DV-TN-4-60	29 Feb 62	MICROMETEORITE DISTRIBUTION MEASURED BY SEVERAL ROCKETS AND SATELLITES	Martin, H.
DV-TR-2-60	1 Feb 60	A LUNAR EXPLORATION PROGRAM BASED UPON SATURN-BOOSTED SYSTEMS	
DV-TR-3-60	15 Feb 60	POWER SUPPLIES FOR SPACE APPLICATION	Shelton, R. Robinson, W.
RA-TM-1-60	18 Nov 60	PERSHING II, WEAPON SYSTEM STUDY	
RA-TN-1-60	15 Jul 60	PERFORMANCE CHARACTERISTICS PERSHING II	
RA-TN-2-60	2 Sep 60	SUPPORTING RESEARCH PROGRAMS FOR FY 62	
RA-TN-3-60	2 Sep 60	PROPOSED COMPONENT DEVELOPMENT PROGRAM FOR FY 62	
RA-TN-4-60	2 Sep 60	SUPPORTING RESEARCH PROGRAMS FOR FY 61	
RA-TN-5-60	10 Nov 60	APPLICATION POSSIBILITIES OF PRACTICAL CALCULATION AND LAYOUT METHOD FOR ONE AND TWO-STAGE BALLISTIC MISSILES	
RA-TN-8-60	28 Dec 60	PROPOSED FY 62 ABMA SUPPORTING RESEARCH AND COMPONENT DEVELOPMENT PROGRAMS FOR FUTURE ANTITANK/ASSAULT WEAPONS	
RG-TM-1-60	18 Jul 60	PRELIMINARY EVALUATION OF PERSHING 107 FLIGHT TEST	Sidwell, C.
RG-TM-2-60	1 Aug 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 30	Smith, J.
RG-TM-3-60	25 Jul 60	SUMMARY OF PANEL MODEL FORCE TESTS ON ORIGINAL PERSHING FIRST AND SECOND STAGE AIR VANES, $M = 0.6$ TO $1.92$	Svensden, H.
RG-TM-4-60	5 Aug 60	PRELIMINARY EVALUATION OF PERSHING 108 FLIGHT TEST	Sidwell, C.
RG-TM-5-60	27 Jul 60	EQUATIONS OF MOTION AND THEIR DERIVATION FOR BALLISTIC MISSILES ON AN OBLATE ROTATING EARTH	Mann, P.
RG-TM-6-60	15 Aug 60	STATIC LONGITUDINAL STABILITY CHARACTERISTICS OF THE TACTICAL PERSHING MISSILE RE-ENTRY BODY AT ANGLES OF ATTACK UP TO 140 DEGREES	Andrews, C.
RG-TM-7-60	29 Sep 60	PRELIMINARY EVALUATION OF PERSHING 109 FLIGHT TEST	Hagood, C.
RG-TM-8-60	28 Jun 60	PRELIMINARY EVALUATION OF PERSHING 108 TEST FLIGHT	
RG-TM-9-60	1 Sep 60	RESULTS OF WIND TUNNEL PRESSURE TESTS OF THE PERSHING RE-ENTRY CONFIGURATION (N ) AT MACH NUMBERS FROM 0.70 TO 7.05	Gray, W.

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RG-TM-10-60	18 Sep 60	RESULTS OF 25 PERCENT SCALE PERSHING RE-ENTRY BODY FORCE TEST AT MACH 3 IN TUNNEL B AT AEDC	Svendsen, H.
RG-TM-11-60	19 Aug 60	UDOP FLIGHT TEST DATA REDSTONE MISSILE 2023	Fallon, R. Smith, M.
RG-TM-12-60	30 Sep 60	DRAG BREAKDOWN OF PERSHING RE-ENTRY BODY	Dahlke, C.
RG-TM-13-60	18 Oct 60	CEP COMPUTATIONS BASED ON JUPITER R&D FLIGHTS	Weyler, G.
RG-TM-14-60	19 Oct 60	AN ANALYSIS OF IMPACT AND FUZING ERRORS OF THE PERSHING MISSILE	Dickey, L.
RG-TM-15-60	2 Nov 60	SERGEANT STANDARD BRAKE TIMES FOR SELECTED CONDITIONS	Combs, D.
RG-TM-16-60	1 Jul 60	JUPITER ATTITUDE DEVIATIONS WITH A MODIFIED TILT PROGRAM	Dill, D.
RG-TM-17-60	14 Nov 60	EVALUATION OF FLIGHT ENVIRONMENT FOR PERSHING MISSILES 105, 106, AND 107	Smith, J.
RG-TM-18-60	19 Oct 60	MEASURED TELEMETERED GUIDANCE FOR REDSTONE MISSILE 2037	Tondera, S.
RG-TM-19-60	20 Oct 60	EXPERIMENTAL AERODYNAMIC CHARACTERISTICS OF THE PERSHING RE-ENTRY BODY FROM A FORCE TEST IN RAREFIED SUPERSONIC FLOW	Svendsen, H.
RG-TM-20-60	23 Nov 60	JUPITER ENGINE AND JET EXPANSION FLOW FIELDS AS COMPUTED BY THE METHOD OF CHARACTERISTICS	Sims, J.
RG-TM-21-60	8 Nov 60	PRELIMINARY EVALUATION OF PERSHING 110 FLIGHT TEST	Hagood, C.
RG-TM-22-60	28 Jul 60	PRELIMINARY EVALUATION OF PERSHING MISSILE 109 FLIGHT TEST	Hammers, F.
RG-TM-23-60	12 Aug 60	PRELIMINARY EVALUATION OF PERSHING MISSILE 110 FLIGHT TEST	Hammers, F.
RG-TM-24-60	23 Nov 60	ENVIRONMENTAL CONDITIONS OF REDSTONE MISSILE 2037 DURING RE-ENTRY	Hagood, C.
RG-TM-25-60	1 Nov 60	AN INVESTIGATION AT TRANSONIC SPEEDS OF THE THICKNESS EFFECT ON THE AERODYNAMIC CHARACTERISTICS OF SEVERAL DOUBLE WEDGE AIR VANE PANEL MODELS WITH PLANFORM SIMILAR TO THE PERSHING FIRST STAGE AIR VANE	Svendsen, H.
RG-TM-26-60	15 Dec 60	A SOURCE OF RANGE BIAS FOR JUPITER MISSILE	Haughey, J.
RG-TM-27-60	25 Aug 60	VIBRATION MEASUREMENT REDSTONE 2023	Curet, G. Jones, J.
RG-TM-28-60	27 Dec 60	MEASURED TELEMETERED GUIDANCE FOR JUPITER MISSILE 217	Tondera, S.
RG-TM-29-60	7 Dec 60	PRELIMINARY EVALUATION OF PERSHING 205 FLIGHT TEST	Hagood, C.
RG-TM-30-60	22 Dec 60	PRELIMINARY EVALUATION PERSHING 206 FLIGHT TEST	Hagood, C.



<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
RG-TM-31-60	20 Dec 60	PRELIMINARY EVALUATION OF PERSHING MISSILE 206 TEST FLIGHT	
RG-TN-1-60	19 Jul 60	ERROR ANALYSIS OF THE TACTICAL PERSHING WITH RESPECT TO HARDWARE ERRORS	Chandler, D.
RG-TN-2-60	8 Sep 60	PLUMBLINE TRAJECTORY EQUATIONS AND FLOW CHART	Dickson, R.
RG-TN-3-60	14 Sep 60	PLUMBLINE TRAJECTORY MODIFICATION FOR THE SERGEANT MISSILE	Haughey, J.
RG-TN-4-60	1960	A SIMPLIFIED METHOD FOR DETERMINING AN OPTIMUM TRAJECTORY FOR A TWO TERM CUT-OFF EQUATION	Linsky, M.
RG-TN-5-60	1960	FIRING TABLE PREPARATION AND CONCEPTS	Anderson, R.
RG-TR-1-60	5 Sep 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 12XB2	Beck, J.
RG-TR-2-60	30 Aug 60	THE RESULTS OF A TEST ON A PERSHING GROUP II SECOND STAGE IN AN ALTITUDE SIMULATOR	Murphree, W.
RG-TR-3-60	12 Sep 60	RESULTS OF PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTORS 17XB1 AND 19XB1	Beck, J.
RG-TR-4-60	19 Sep 60	RESULTS OF PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 20XB1	Beck, J.
RG-TR-5-60	26 Sep 60	RESULTS OF PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTORS 15XB1, 37XB1 AND 24XB1	Beck, J.
RG-TR-6-60	1 Nov 60	RSM FLIGHT EVALUATION OF PROPULSION AND ASSOCIATION SYSTEM	Rencenberger, R.
RJ-TM-1-60	23 Sep 60	SELECTED CONCEPTS FOR A NIKE ZEUS TARGET VEHICLE	Kingsbury, J.
RP-TR-1-60	26 Jul 60	JUPITER A MISSILE CC-42 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Castleberry, J.
RP-TR-2-60	7 Oct 60	STUDIES ON U-DETA	Riehl, W.
RP-TR-3-60	2 Sep 60	REDSTONE MISSILE CC-46 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	McDonald, N.
RP-TR-4-60	4 Nov 60	REDSTONE MISSILE CC-43 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Rencenberger, R.
RP-TR-5-60	4 Nov 60	REDSTONE MISSILE CC-56 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS (NASA)	
RP-TR-6-60	29 Nov 60	JUPITER C MISSILE CC-24 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS (NASA)	Castleberry, J.
RP-TR-7-60	4 Nov 60	REDSTONE MISSILE RS-25 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	McDonald, N.
RP-TR-8-60	29 Nov 60	REDSTONE MISSILE CC-38 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Van Camp, L.

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RP-TR-9-60	6 Dec 60	REDSTONE MISSILE CC-13 FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Van Camp, L.
RP-TR-10-60	15 Dec 60	REDSTONE MISSILE CC-16 FINAL FLIGHT EVALUATION OF PROPULSION AND ASSOCIATED SYSTEMS	Rencenberger, R.
RPEF-TM-1-60	4 Nov 60	EQUATIONS FOR THRUST-TIME VARIATION WITH ALTITUDE	Whitehurst, D. Hohlfelder, R.
RR-B-1-60	16 Aug 60	THE ABMA SUPPORTING RESEARCH PROGRAM FY 61	Reisig, G.
RR-BR-1-60	7 Nov 60	RESEARCH AND DEVELOPMENT OPERATIONS ABMA SUPPORTING RESEARCH PROGRAM	
RR-TM-1-60	1 Jul 60	CLIMATOLOGY AND MISSILE PROBLEMS	Alfuth, W.
RR-TM-2-60	29 Aug 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 26	Smith, J.
RR-TM-3-60	29 Aug 60	METEOROLOGICAL RESUME FOR MISSILE JUPITER 28	Smith, J.
RR-TM-4-60	29 Sep 60	EMPIRICAL FREQUENCY DISTRIBUTIONS ZONAL AND MERIDIONAL WIND COMPONENTS KWAJALEIN, MARSHALL ISLAND, PACIFIC	Alfuth, W. Dudel, H. Alsobrook, A.
RR-TM-5-60	15 Nov 60	REGIONAL MONTHLY MEAN TEMPERATURE PROFILES	Dudel, H. Alsobrook, A.
RR-TM-6-60	15 Nov 60	TYPICAL INDIVIDUAL DENSITY PROFILES FOR PATRICK AIR FORCE BASE, VIENNA AND FAIRBANKS	Dudel, H. Alsobrook, A.
RR-TM-7-60	15 Nov 60	TYPICAL INDIVIDUAL TEMPERATURE PROFILES FOR GUAM, PATRICK AIR FORCE BASE, BERLIN AND FAIRBANKS	Dudel, H. Alsobrook, A.
RR-TM-8-60	15 Nov 60	REGIONAL MONTHLY MEANS OF ZONAL AND MERIDIONAL WIND COMPONENTS	Dudel, H. Alsobrook, A.
RR-TM-9-60	15 Nov 60	SELECTED PROFILES OF ZONAL AND MERIDIONAL WIND COMPONENTS FOR GUAM, PATRICK AIR FORCE BASE, BERLIN AND FAIRBANKS	Dudel, H. Alsobrook, A.
RR-TM-10-60	1 Dec 60	SOME SELECTED TOPICS OF STATISTICS	Alfuth, W.
RR-TM-11-60	7 Dec 60	METEOROLOGICAL RESUME FOR PERSHING MISSILE 105	Billions, N.
RR-TM-12-60	12 Dec 60	METEOROLOGICAL RESUME FOR PERSHING MISSILE 106	Billions, N.
RR-TM-19-60	3 Mar 60	WIND CLIMATOLOGY AND MISSILE FIRING	Essenwanger, O.
RR-TR-1-60	12 Sep 60	VARIATION OF TARGET IMPACT DISPLACEMENT OF THE TACTICAL JUPITER MISSILE NOSE CONE DUE TO WIND DRIFT AND AIR DENSITY DEVIATIONS DURING DIVE PHASE	Alfuth, W.
RR-TR-2-60	10 Nov 60	THE MEASUREMENT OF THE ATMOSPHERIC AMBIENT TEMPERATURE FOR MISSILE FLIGHT ANALYSIS, PARTICULARLY AT THE ATLANTIC MISSILE RANGE	Reisig, G.
RR-TR-3-60	30 Dec 60	AN ATTEMPT TO ESTABLISH A STANDARD ATMOSPHERE DENSITY PROFILE UNDER CONSIDERATION OF ITS TIME AND SPACE VARIATIONS	Alfuth, W. Dickey, L. Alsobrook, A.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
RS-TM-2-60	6 Sep 60	OPERATIONAL CAPABILITIES AND COMPONENT EVALUATION OF THE PERSHING MISSILE SYSTEM TRANSPORTER-ERECTOR-LAUNCHER, MISSILE LIFT TRAILERS, AND XM-474 TRACKED VEHICLE	Johnson, A.
RS-TM-3-60	15 Sep 60	INVESTIGATION OF THE DEEP-DRAW PROCESS AS AN ALTERNATE FABRICATION TECHNIQUE FOR LITTLEJOHN MOTOR CASES	
RSM-TM-1-60	17 Oct 60	MEASUREMENTS OF HEATING OF A THERMALLY THICK SPHERICAL COPPER CALORIMETER	Hurst, N.
RT-TM-1-60	22 Jul 60	PERSHING QUALITY REPORT NUMBER 12 FOR MAY 1960	Manning, E.
RT-TM-2-60	22 Jul 60	ABMA REQUIREMENTS FOR GOVERNMENT INSPECTION PERSHING COMMUNICATION PACK COLLINS RADIO CO., DALLAS, TEXAS	
RT-TM-3-60	15 Aug 60	PERSHING QUALITY REPORT NUMBER 13 FOR JUNE 1960	Manning, E.
RT-TM-4-60	14 Sep 60	ABMA REQUIREMENTS FOR ORDNANCE INSPECTION - PERSHING MOTORS (THLOKOL)	Veitch, R.
RT-TM-5-60	26 Sep 62	PERSHING QUALITY REPORT NUMBER 14 FOR JULY 1960	
RT-TM-6-60	10 Oct 60	PERSHING QUALITY REPORT NUMBER 15 FOR AUGUST 1960	
RT-TM-7-60	27 Oct 60	UDOP FLIGHT TEST DATA REDSTONE MISSILE 2037	Fallon, R. Smith, M.
RT-TM-8-60	7 Dec 60	UDOP FLIGHT TEST DATA PERSHING MISSILE 206	Fallon, R. Smith, M.
RT-TM-9-60	11 Oct 60	UDOP FLIGHT TEST DATA PERSHING MISSILE 205	Fallon, R. Smith, M.
RT-TN-1-60	8 Aug 60	UDOP FLIGHT TEST DATA PERSHING MISSILE 110	Fallon, R. Smith, M.
RT-TN-1-60	14 Dec 60	ROAD ACCELERATION TESTS ON JUPITER MISSILE 106	Jones, R.
RT-TR-1-60	22 Jul 60	PERSHING QUALITY REPORT FOR MAY 1960, #12	Howell, C.
RT-TR-2-60	12 Sep 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTORS 17XB1 AND 19XB1	Beck, J.
RT-TR-3-60	19 Sep 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 20XB1	Beck, J.
RT-TR-4-60	26 Sep 60	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTORS 15XB1, 24XB1, AND 37XB1	Beck, J.

## Section II

### NUMBERED REPORTS - ARMY ROCKET AND GUIDED MISSILE AGENCY (ARGMA)

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
EP-TR-1-60	Oct 60	OPERATION GASLIGHT IN AUSTRALIA	Woodbridge, D.
EP-TR-2-60	Nov 60	MISSILE DETECTION BLINDNESS	Woodbridge, D. Stansbury, T.
3M132N22 HJ	26 Feb 60	TEST REPORT ON XM50-E16RO	Seidl, H.
3M132N23 HJ	26 Feb 60	TEST REPORT ON XM50-11RO	Seidl, H.
3M132N24 HJ	26 Feb 60	TEST REPORT ON XM50-33RO	Seidl, H.
3M132N25 LJ	16 Mar 60	TEST REPORT I LITTLEJOHN FIRINGS, ROUND NOS. LJ266RP, LJ276RP, LJ282RP AND LJ283RP	Horn, W.
3M132N26 HJ	25 Mar 60	FLIGHT TEST REPORT FOR XM50-29RO	Seidl, H.
3M132N27 HJ	4 Apr 60	TEST REPORT FOR XM50 FIRINGS ROUND NOS. 15RO, 16RO, 17RO, 18RO, 21RO AND 22RO	Seidl, H.
3M132N28 HJ	8 Apr 60	TEST REPORT ON XM50-3RO	Seidl, H.
3M132N29 LJ	29 Apr 60	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ198RO AND LJ199RO	Horn, W.
3M132N31 LJ	6 May 60	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ191RG, LJ192RG, LJ208RG, LJ212RG, LJ240RG, LJ243RG, LJ244RG, LJ245RG, LJ264RG, LJ265RG, AND LJ275RG	Horn, W.
3M132N32 LJ	11 May 60	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ194RO AND LJ195RO	Field, R.
3M132N33 LJ	12 May 60	TEST REPORT FOR LITTLEJOHN ROUND NOS. LJ236RO, LJ237RO, LJ238RO AND LJ257RO	Field, R.
3M132N34 LJ	20 May 60	TEST REPORT FOR LITTLEJOHN ROUND NOS. LJ234RO, LJ235RO, LJ262RO, LJ263RO, LJ273RO, LJ274RO, LJ279RO, LJ280RO AND LJ281RO	Horn, W.
3M132N35 LJ	27 May 60	TEST REPORT FOR LITTLEJOHN FIRINGS ROUND NOS. LJ246RO, LJ247RO, LJ252RO THROUGH LJ255RO, LJ258RO THROUGH LJ261RO	Horn, W.
3M132N36 HJ	3 Jun 60	SUMMARY TEST REPORT OF THE FIRST 33 XM50 ROCKETS	Seidl, H.
4M5N21	Feb 60	RELIABILITY STATUS REPORT	Benton, W.
4M5N22	Apr 60	RELIABILITY STATUS REPORT	Benton, W.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
4M5N23	Jun 60	RELIABILITY STATUS REPORT	Benton, W.
4M5N24	Aug 60	RELIABILITY STATUS REPORT	Benton, W.
4M5N25	Oct 60	RELIABILITY STATUS REPORT	Benton, W.
4M5N26	Dec 60	RELIABILITY STATUS REPORT	Benton, W.
RHM-Z-2-60	15 Jan 60	THE NIKE ZEUS ANTIMISSILE GUIDED MISSILE DEFENSE SYSTEM	
RHM-Z-4-60	29 Feb 60	AN EVALUATION OF THE U. S. BALLISTIC MISSILE DECOY PROGRAMS AND AN ASSESSMENT OF THE DISCRIMINATION CAPABILITY OF NIKE ZEUS	Steininger, D.
RHM-Z-7-60	20 Jun 60	NIKE ZEUS AND THE MISSILE DEFENSE PROGRAM	
RHM-Z-8-60	Jun 60	SOME OBSERVED CHARACTERISTICS OF ICBM AND IRBM REENTRY FRAGMENTATION	PauI, H.
TM 1609M	12 Apr 60	FLOW OF LIQUID PROPELLANTS THROUGH VARIABLE AREA INJECTORS WITH CONSTANT-AREA RATIO AT VARIOUS CONDITIONS OF TEMPERATURE AND MODULATION	Rees, D.
TM 1611M	11 May 60	ADAPTIVE CONTROL SYSTEMS WITH CASCADED MATHEMATICAL MODELS	Rees, D. (Co-author)
TM 1611M	26 May 60	OPTIMIZATION FOR SERVO SYSTEMS	Rees, D. (Co-author)
TM 2E2M	1 Nov 60	STRUCTURAL DESIGN EQUATIONS FOR WORKING AND ALLOWABLE STRESSES - ELLIPSOIDAL SEGMENT BULKHEADS	Cooper, J.
TM 2E3M	27 Sep 60	PRELIMINARY DESIGN CURVES FOR FOUR 10"-DIAMETER MISSILES	Marshall, C.
TM 2E4M	6 Oct 60	MOBILITY OF FIELD ARMY BALLISTIC MISSILE DEFENSE SYSTEM	Powell, R.
TM 2E5M	14 Oct 60	FIRST APPROXIMATION TO THE DISPOSITION OF PRIME ATOMIC TARGETS IN THE MOMAR FIELD ARMY	Jenkins, B. Kay, J. Lacayo, H.
TM 2E6M	28 Oct 60	TECHNICAL FEASIBILITY STUDY FOR MISSILE RECOVERY SYSTEM NIKE-HERCULES MISSILE	
TM 2E7M	30 Nov 60	COST COMPARISON OF RECOVERABLE AND NON-RECOVERABLE TRAINING MISSILE PROGRAMS - HERCULES AND HAWK	
TM 2E8M	1 Dec 60	ELLIPTICAL EQUATIONS FOR FREE FLIGHT: A TREATMENT SHOWING EQUALITY BETWEEN THREE SYSTEMS OF ELLIPTICAL EQUATIONS	Dillard, R.
TM 2E9M	5 Dec 60	HOLLOW CYLINDER THERMAL PROPERTY SCALING THEORY	Doner, R.
TM 1F4M	1 Feb 60	NOISE MEASUREMENTS AT 108 MEGACYCLES ON REDSTONE ARSENAL	Mills, E.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
TM 1G8M	11 Jan 60	BRIEF ANALYSIS OF NON-LINEAR AERODYNAMIC EFFECTS ON WIND SENSITIVITY OF ROCKETS DESIGNED FOR NEAR NEUTRAL STABILITY AND ZERO LENGTH LAUNCH	
TM 1G9M	12 Apr 60	FLOW OF LIQUID PROPELLANTS THROUGH VARIABLE AREA INJECTORS WITH CONSTANT AREA RATIO AT VARIOUS CONDITIONS OF TEMPERATURES AND MODULATION	
TM 1G10M	11 May 60	ADAPTIVE CONTROL SYSTEM WITH CASCADED MATHEMATICAL MODELS	Lackler, J. et al
TM 1G11M	26 May 60	OPTIMIZATION FOR SERVO SYSTEMS	Lackler, J. Rees, D.
TM 1G12M	30 Jun 60	PRELIMINARY AERODYNAMICS DATA FOR PROPOSED TEST VEHICLES TO DEMONSTRATE RADAR AUTOMET GUIDANCE CONCEPT	Craft, J.
TM 1G13M	28 Jul 60	PARTIAL COMPILATION OF SAL EFFORTS IN SUPPORT OF THE XM30 AGING PROGRAM	Doner, R.
TM 1G14M	5 Aug 60	PRELIMINARY STRUCTURAL INVESTIGATION OF A RADAR COMMAND BOOST GUIDED MISSILE	Morrow, M.
TM 1G15M	9 Aug 60	THERMAL STRESS ANALYSIS IN THE GRAIN	Phillips, B.
TM 2H1M	1 Oct 60	PRELIMINARY REPORT OF WORKING GROUP FOR APPLICATION OF FLUID AMPLIFIER DEVELOPMENT	
TM 2K1M	21 Nov 60	AN APPLICATION OF TENSOR NOTATION TO SOME VECTOR OPERATIONS IN A RIGHT-HAND CARTESIAN COORDINATE SYSTEM	Burrows, R.
TM 2K2M	30 Nov 60	THE TRANSFORMATION FROM GEOGRAPHIC TO AZIMUTH-ELEVATION COORDINATES	Burrows, R.
TN 1C1N-23	1 Mar 60	QUARTERLY RESEARCH REVIEW NO. 23 - 1 AUG - 31 OCT 59	
TN 1C1N-24	1 Mar 60	QUARTERLY RESEARCH REVIEW NO. 24 - 1 NOV 59 - 31 JAN 60	
TN 1C1N-25	1 Jun 60	QUARTERLY RESEARCH REVIEW NO. 25 - 1 FEB - 30 APR 60	
TN 2C2N	31 Mar 61	BIBLIOGRAPHY OF TECHNICAL INFORMATION FOR 1956 THROUGH 1960	
TN 1D3N	29 Mar 60	A NOMOGRAPHIC METHOD FOR VARIABLE-THRUST SOLID-PROPELLANT ROCKETS	Hinrichs, H. Rhoden, M.
TN 1D4N	10 Jun 60	DEVELOPMENT OF IGNITER FOR YAW MOTORS FOR MISSILE A	Betts, R. Williams, P.
TN 1D5N	15 Aug 60	DETONABILITY OF NIKE ZEUS CANDIDATE PROPELLANTS	Thomas, W.
TN 1E1N-1	9 Mar 60	AN OPTICAL METHOD FOR ALIGNMENT CHECK OF LITTLEJOHN LAUNCHER RAILS	Beyer, J.
TN 1E21-35	1 Mar 60	STATIC TESTS OF TWO XM31E2 ROCKET MOTORS	McCombs, G.
TN 1E21-36	19 Apr 60	STATIC TESTS OF TWO XM31E2 ROCKET MOTORS	McCombs, G.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
TN 1E21-37	20 Jul 60	STATIC TESTS OF TWO XM31E2 ROCKET MOTORS	McCombs, G.
TN 1E37-20	17 Feb 60	STATIC TESTS OF THREE T238 ROCKETS	McCombs, G.
TN 1E37-21	8 Jun 60	TEST FIRINGS TO COMPARE THE PERFORMANCE OF THE REDESIGNED T238 ROCKET WITH THE PERFORMANCE OF THE R&D MODEL	Doukakis, H.
TN 1E39-58	18 Jan 60	STABILITY AND ACCURACY TESTS OF THE XM54 ROCKET	Batson, J. Johnson, L.
TN 1E39-59	4 Feb 60	R&D OPERATIONAL TEST REPORT OF COLD WEATHER TEST (65°F) OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM (XM70E1)	Peace, F.
TN 1E39-60	8 Mar 60	RESEARCH AND DEVELOPMENT TEST OF XM27 PROPELLANT FOR THE 115MM XM54 ROCKET	Batson, J. Johnson, L.
TN 1E39-61	21 Apr 60	AMPHIBIOUS ASSAULT LANDING TESTS AND HELICOPTER TRANSPORTABILITY TESTS OF THE 115MM BOOSTED ROCKET ARTILLERY WEAPON SYSTEM (XM70E1)	Peace, F.
TN 1E39-62	14 Jun 60	RESEARCH AND DEVELOPMENT FIRING TESTS OF THE XM70E1 LAUNCHER	Batson, J. Johnson, L.
TN 1E39-63	11 May 60	COMPOSITE TEST PLAN FOR DEVELOPMENTAL TESTING OF 115MM, XM54 GUN-BOOSTED ROCKET	Batson, J. Johnson, L. Stark, R.
TN 1E39-64	29 Jul 60	PROPELLANT DEVELOPMENT TEST FOR THE 115MM XM54 BOOSTED ROCKET	Batson, J. Johnson, L.
TN 1E64-17	5 Feb 60	STATIC TEST OF ONE JATO, XM16E1, AGED FOR FOUR YEARS - A7	Mitchell, J.
TN 1E64-18	14 Mar 60	STATIC TEST OF ONE JATO, XM16E1, AGED FOR FOUR YEARS AND ONE MONTH	Mitchell, J.
TN 1E64-19	3 Jul 60	STATIC TEST OF ONE JATO, XM16E1, AGED FOR FOUR YEARS AND SIX MONTHS	Smillie, B.
TN 1E78-21	15 Feb 60	EVALUATION OF THE STRIKER ROD-BAR IGNITION SYSTEM FOR LITTLEJOHN SPIN AND SPIN-BUCK ROCKETS	Peterson, R.
TN 1E78-25	25 Mar 60	SPIN TEST OF LITTLEJOHN ROCKET ON PADA LAUNCHER USING THE CAD SPIN DRIVE	Staggs, M.
TN 1E78-26	29 Aug 60	TWENTY STATIC TESTS OF MODIFIED JUPITER SPIN MOTORS	Langston, R.
TN 1E95-21	4 Aug 60	STATIC TEST OF FOUR AGED XM30 ROCKET MOTORS	Mitchell, J.
TN 1E105-6	9 Feb 60	STATIC TEST OF ONE XM20 ROCKET MOTOR - TEST NO. 14	Smillie, B.
TN 1E112-13	14 Jan 60	VARIABLE THROAT NOZZLE TEST USING AN M15A1 JATO	Langston, R.
TN 1E137-5	13 Apr 60	STATIC TEST OF ONE XM-45 ROCKET MOTOR - TEST NO. 12	Smillie, B.
TN 1E137-6	25 Apr 60	STATIC TEST OF ONE TX-77-6 ROCKET MOTOR - TEST NO. 13	Smillie, B.

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
TN 1E140-34	27 Jan 60	PRELIMINARY FLIGHT RATING TEST OF THE XM-51 ROCKET MOTOR	McCombs, G.
TN 1E140-35	8 Feb 60	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 126	McCombs, G.
TN 1E140-36	13 Jun 60	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 135 - PROJECT BOMARC	McCombs, G.
TN 1E140-37	13 Jul 60	STATIC TESTS OF THREE XM-51 ROCKET MOTORS FOR BLAST TUBE EVALUATION	McCombs, G.
TN 1E145-30	7 Jan 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-31	8 Jan 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-32	8 Jan 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-33	8 Jan 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-34	23 Feb 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-35	23 Feb 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE I MOTOR	Cline, W.
TN 1E145-36	15 Mar 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Austin, R.
TN 1E145-37	15 Mar 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE I MOTOR	Chandler, A.
TN 1E145-38	29 Mar 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-39	29 Mar 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-40	11 Apr 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-41	12 Apr 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-42	12 Apr 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-43	12 Apr 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-44	12 Apr 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-45	26 Apr 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Austin, R.
TN 1E145-46	26 Apr 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Cline, W.



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TN 1E145-47	5 May 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-48	5 May 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Cline, W.
TN 1E145-49	16 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-50	18 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-51	18 May 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-52	18 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-53	18 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-54	18 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-55	18 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Chandler, A.
TN 1E145-56	24 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Austin, R.
TN 1E145-57	24 May 60	STATIC TEST OF ONE PERSHING "A" SYSTEM SECOND STAGE MOTOR	Cline, W.
TN 1E145-58	13 Jun 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-59	14 Jul 60	STATIC TEST OF ONE PERSHING "A" SYSTEM STAGE II MOTOR	Austin, R.
TN 1E145-60	14 Jul 60	STATIC TEST OF ONE PERSHING "A" SYSTEM SECOND STAGE MOTOR	Cline, W.
TN 1E145-61	14 Jul 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Cline, W.
TN 1E145-62	14 Jul 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Campbell, C.
TN 1E145-63	20 Jul 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Campbell, C.
TN 1E145-64	8 Aug 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM FIRST STAGE MOTOR	Campbell, C.
TN 1E145-65	8 Aug 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM STAGE II MOTOR	Campbell, C.
TN 1E145-66	7 Sep 60	PERSHING "A" SYSTEM STAGE I AFT SKIRT STATIC TEST	Chandler, A.
TN 1E146-9	8 Aug 60	TEST OF THE REMOTE-TRIM ON THE IMPROVED HONEST JOHN M386 LAUNCHER	Bunn, F.

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TN 1E146-10	23 Aug 60	TEST OF THE PROTECTIVE COVER FOR THE HONEST JOHN M386 LAUNCHER	Huber, C.
TN 1E146-11	22 Aug 60	TEST OF THE BALL NUT AND SCREW ELEVATING ASSFMBLY FOR THE HONEST JOHN M386 LAUNCHER	Huber, C.
TN 1E146-12	23 Sep 60	LIGHTWEIGHT HONEST JOHN SYSTEM DROP TEST AT FORT BRAGG, N. C.	Huber, C.
TN 1E147-13	8 Jan 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-14	8 Jan 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-15	27 Jan 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-16	1 Mar 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-17	2 Mar 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-18	13 Jun 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E147-19	5 Jul 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.
TN 1E152-12	31 Mar 60	COLD TEST, ROADABILITY TEST, AND AERIAL DELIVERY TEST OF THE PHASE II LITTLEJOHN (SOSR AND PADA) WEAPON SYSTEM	Roberts, C. Huber, C.
TN 1E152-13	31 Mar 60	COLD TEST OF THE TRANSPORTER-LOADER, ANPMQ-6 WINDSET, AND CONDITIONING KIT FOR LITTLEJOHN (SOSR AND PADA) SYSTEMS AND CAD SPINUP FOR THE PADA	Bunn, F.
TN 1E152-14	3 May 60	R&D OPERATIONAL TEST REPORT ON ROADABILITY AND OPERATIONAL SUITABILITY TESTS OF THE PHASE II LITTLEJOHN TRANSPORTER-LOADER	Roberts, C.
TN 1E152-15	19 Aug 60	COLD TEST OF THE ROCKET HANDLING PLATFORM AND CONDITIONING KIT FOR LITTLEJOHN (SOSR AND PADA) SYSTEMS AND THE CAD SPINUP DEVICE FOR THE PADA	Roberts, C.
TN 1E153-7	31 May 60	STATIC TEST OF A NIKE ZEUS SUSTAINER TEST MOTOR	Langston, R.
TN 1E157-2	18 Jan 60	PRELIMINARY DEMONSTRATION-EVALUATION OF THE ENTAC T581 ANTITANK GUIDED MISSILE SYSTEM	Lindsay, C.
TN 1E157-3, Dft	18 Mar 60	LIMITED (PHASE I) ORDNANCE CORPS EVALUATION OF THE FRENCH ENTAC ANTITANK GUIDED MISSILE SYSTEM	Hodges, B.
TN 1E157-4	26 Jul 60	ENVIRONMENTAL TESTS OF THE FRENCH ENTAC ANTITANK GUIDED MISSILE	Hodges, B. Farris, T.
TN 1E157-5	9 Aug 60	STATIC TESTS OF TWELVE ENTAC MOTORS	Mitchell, J.
TN 1E159-4	9 Feb 60	COLD WEATHER TESTS OF THE SS-11 ANTITANK MISSILE JEEP-LAUNCHER	Peace, F.
TN 1E159-5	21 Jan 60	COLD WEATHER TESTS OF THE M-59 INSTALLATION OF SS-11 ANTITANK MISSILE SYSTEM	Peace, F.
TN 1E159-6	30 Mar 60	U. S. ARMY ORDNANCE CORPS EVALUATION OF THE FRENCH SS-11 ANTITANK GUIDED MISSILE SYSTEM	Travers, G.

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TN 1E159-7	1 Jun 60	STATIC TEST OF TWO SS-11 MOTORS AND HYDROSTATIC TEST OF FOUR SS-11 MOTORS	Mitchell, J.
TN 1E159-11	16 Aug 60	DYNAMIC LETHALITY AND FUZE TESTS OF THE SS-11 ATGM 125MM HEAT WARHEAD	Lindsay, C. Hardy, D.
TN 1E160-8	26 Jan 60	COLD WEATHER TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-9	13 May 60	R&D OPERATIONAL PARACHUTE DELIVERY TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Bunn, F.
TN 1E160-10	7 Jul 60	SUPPLEMENT TO ARGMA REPORT NO. TN 1E160-7 OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 1E160-11	19 Jul 60	PHASE I AERIAL DELIVERY TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Peace, F.
TN 1E160-13	18 Jul 60	CONTINGENT TESTS TWELVE AND THIRTEEN OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 1E160-14 w/add	4 Aug 60	CONTINGENT TEST 14 - LOW MUZZLE VELOCITY PROBLEM OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 1E160-15	22 Sep 60	CONTINGENT TEST 15 - INNER TUBE COLLAPSES OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 1E161-9	7 Jan 60	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 8	Smillie, B.
TN 1E161-10	8 Jan 60	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 9	Smillie, B.
TN 1E161-11	14 Jan 60	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 10	Smillie, B.
TN 1E161-12	9 Mar 60	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 11	Smillie, B.
TN 1E161-13	3 Jul 60	STATIC TEST OF ONE XM33E5 ROCKET MOTOR - TEST NO. 12	Smillie, B.
TN 1E161-14	19 Jul 60	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 13	Smillie, B.
TN 1E162-6	24 May 60	STATIC TEST OF ONE MISSILE "A" LOKI FLIGHT VEHICLE	McCombs, G.
TN 1E162-7	7 Sep 60	PERFORMANCE TEST OF MISSILE "A" DELTA VARIABLE AREA FIN	Staggs, M.
TN 1E164-4	1 Jun 60	STATIC FIRINGS OF THREE XM22E5 MOTORS	Langston, R. Johnson, D.
TN 1E164-5	13 Jun 60	ENGINEERING TESTS OF ROCKET MOTOR, XM22E7, STATIC PHASE, PART I	Johnson, D.
TN 1E165-6	25 Jan 60	STATIC FIRING OF NINE H-1 ENGINE TURBINE SPINNERS	Langston, R.
TN 1E165-7	28 Jan 60	STATIC TESTS OF THREE H-1 ENGINE TURBINE SPINNERS	Langston, R.

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TN 1E166-4	5 Jan 60	COLD TEST OF THE LACROSSE MISSILE GUIDANCE CENTRAL	Huber, C.
TN 1E166-5	5 Jan 60	R&D OPERATIONAL COLD TEST OF THE LACROSSE HELICOPTER TRANSPORTABLE SYSTEM	Roberts, C.
TN 1E166-6	11 Mar 60	ROADABILITY OF THE LACROSSE HELICOPTER TRANSPORTABLE SYSTEM	Huber, C.
TN 1E170-1	8 Apr 60	PROJECT NASA PAYLOAD NO. 16 SLED TEST SATELLITE ACCELERATION STUDY	McGregor, P.
TN 1E171-1	28 Jan 60	PROPOSED ORDNANCE-USER LIMITED EVALUATION TEST PLAN FOR COBRA NO. 810 ANTITANK WEAPON SYSTEM	Bauer, D.
TN 1E171-1 Rev 1	8 Mar 60	PROPOSED ORDNANCE-USER LIMITED EVALUATION TEST PLAN FOR COBRA NO. 810 ANTITANK WEAPON SYSTEM	Bauer, D.
TN 1E171-2	6 Jul 60	ORDNANCE CORPS FIRING TEST RESULTS OF THE COBRA ATGM SYSTEM	Bauer, D.
TN 1E172-1	29 Mar 60	DETERMINATION OF FIN SIZE AND CONFIGURATION WHICH PROVIDE NEUTRAL STABILITY IN FLIGHT TO THE ZUNI PADA ROUND	Woodson, L.
TN 1E173-1	14 Mar 60	STATIC TEST OF SIX JATOS, 0.7-ES-2650, M3	Moore, S.
TN 1E175-1	18 Aug 60	THE THEORY AND APPLICATIONS OF THE DUAL ROTARY ACCELERATOR FOR LOW FREQUENCY-HIGH G CALIBRATION OF ACCELEROMETERS	Weldon, M.
TN 2E1N	15 Nov 60	THE PREDICTED TRAJECTORY CHARACTERISTICS FOR FOUR SOVIET ROCKETS	Dillard, R.
TN 1H1N-8	Feb 60	ONE DIMENSIONAL COMPRESSIBLE FLOW TABLES FOR A PERFECT GAS IN MACH NUMBER INCREMENTS OF 0.001 ( $k = 1.28$ ) ISENTROPIC PROCESS	Hoebich, C.
TN 1H1N-9	Mar 60	COMPRESSIBLE FLOW TABLES $k = 1.24$ ISENTROPIC PROCESS	Hoebich, C.
TN 1H1N-10	Apr 60	COMPRESSIBLE FLOW TABLES $k = 1.30$ ISENTROPIC PROCESS ONE-DIMENSIONAL COMPRESSIBLE FLOW TABLES FOR A PERFECT GAS IN MACH NUMBER INCREMENTS OF 0.001 ( $k = 1.30$ )	Hoebich, C.
TN 1H1N-11	Jul 60	COMPRESSIBLE FLOW TABLES $k = 1.20$ STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION	Hoebich, C.
TN 1H1N-12	Nov 60	ONE-DIMENSIONAL COMPRESSIBLE FLOW TABLES FOR A PERFECT GAS IN MACH NUMBER INCREMENTS OF 0.001 ( $k = 1.22$ ) STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION	Hoebich, C.
TN 1H1N-13	Aug 60	COMPRESSIBLE FLOW TABLES, STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION, $k = 1.24$	Hoebich, C.
TN 1H1N-14	Aug 60	COMPRESSIBLE FLOW TABLES, STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION, $k = 1.28$	Hoebich, C.
TN 1H1N-15	Aug 60	COMPRESSIBLE FLOW TABLES $k = 1.30$ STAGNATION TEMPERATURE CHANGE WITHOUT FRICTION	Hoebich, C.

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TN 2H1N-27	1 Dec 60	QUARTERLY RESEARCH REVIEW NO. 27 - 1 AUG - 31 OCT 60	
TN 1J37N, Pt 1	25 Jan 60	BIBLIOGRAPHY ON COUNTERMEASURES	Dickey, F. Whitaker, S.
TN 1J37N, Pt 2	25 Jan 60	BIBLIOGRAPHY ON COUNTERMEASURES	Dickey, F. Whitaker, S.
TN 2J21-38	2 Dec 60	ENVIRONMENTAL TESTS OF A MANIFOLD IGNITION SYSTEM FOR XM-37 ROCKET MOTORS	McCombs, G.
TN 2J37-22	20 Oct 60	DYNAMIC FIRING TESTS OF THE T238 ROCKET TO OBTAIN FUZE ARMING DATA	Bauer, D. Farris, T.
TN 2J39-65	30 Sep 60	RESEARCH AND DEVELOPMENT TESTS OF THRUST DIVERTERS FOR THE XM54 ROCKET	Forster, M. Batson, J. Johnson, L.
TN 2J39-66	30 Nov 60	RESEARCH AND DEVELOPMENT TEST OF THE 115MM XM54 BOOSTER ROCKET	Batson, J. Johnson, L.
TN 2J78-27	16 Sep 60	TEN THRUST REVERSAL TESTS USING A JUPITER SPIN MOTOR	Langston, R.
TN 2J140-38	8 Nov 60	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 137	Johnson, R.
TN 2J140-39	7 Dec 60	CAPTIVE TEST OF XM-51 ROCKET MOTOR NO. 117	Johnson, R.
TN 2J145-67	7 Nov 60	STATIC TEST OF ONE "XB" SYSTEM FIRST STAGE MOTOR	Chandler, A. Batson, J.
TN 2J145-68	17 Nov 60	STATIC TEST OF ONE PERSHING "XB" SYSTEM SECOND STAGE MOTOR	Small, H.
TN 2J145-69	18 Nov 60	STATIC TEST OF PERSHING "XB" SYSTEM FIRST STAGE MOTOR NO. 24XB1	Harris, A.
TN 2J145-71	22 Dec 60	STATIC TEST OF PERSHING "XB" SYSTEM SECOND STAGE MOTOR NO. 17XB2	Small, H.
TN 2J145-72	30 Dec 60	SIMULATED ALTITUDE TEST OF ONE PERSHING GROUP III, STAGE II PROPULSION UNIT	Batson, J.
TN 2J145-73	20 Dec 60	STATIC TEST OF PERSHING "XB" SYSTEM FIRST STAGE MOTOR NO. 15XB1	Batson, J.
TN 2J146-13	16 Sep 60	ROAD TESTS TO DETERMINE THE FEASIBILITY OF A TRACK-MOUNTED LIGHTWEIGHT HONEST JOHN LAUNCHER SYSTEM	Doukakis, H.
TN 2J146-14	4 Oct 60	SERVICE AERIAL DELIVERY TESTS OF THE XM50 HONEST JOHN ROCKET	Roberts, C.
TN 2J147-20	14 Sep 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER	Mitchell, J.

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TN 2J147-21	16 Nov 60	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Mitchell, J.
TN 2J147-22	18 Nov 60	DEVELOPMENT TEST OF A NIKE ZEUS STAGE II MOTOR	Langston, R.
TN 2J152-16	16 Sep 60	STATIC DROP TESTS OF PHASE II LITTLEJOHN ROCKET MOTORS IN SHIPPING CONTAINER	Roberts, C.
TN 2J152-17	21 Nov 60	PRELIMINARY EVALUATION OF JET TAPPERS FOR LITTLEJOHN LAUNCHER ANCHORING IN ARCTIC REGIONS	Doukakis, H.
TN 2J157-7	28 Oct 60	PROJECT EFM ACCURACY TESTS OF THE FRENCH ENTAC ANTITANK GUIDED MISSILE	Hodges, B.
TN 2J157-8	28 Oct 60	DYNAMIC LETHALITY AND FUZE TESTS OF THE ENTAC 105MM HEAT WARHEAD	Farris, T. Hardy, D.
TN 2J159-12	28 Sep 60	COLD WEATHER TESTS OF THE T113E2 APC WITH SS-11 MISSILE SYSTEM INSTALLATION	Peace, F. Stark, R.
TN 2J159-13	26 Oct 60	LIMITED ENGINEERING TEST OF T113E2 ARMORED PERSONNEL CARRIER AS A LAUNCH MODE FOR THE SS-11 ANTITANK GUIDED MISSILE SYSTEM	Hardy, D. Bauer, D.
TN 2J160-16	28 Sep 60	AERIAL DELIVERY AND FIRING OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Hamlett, R. McGregor, P.
TN 2J164-6	17 Nov 60	VERIFICATION OF ULTRASONIC TESTING AND SCREENING TECHNIQUE FOR CATEGORY I XM22E7 MOTORS	Langston, R. Johnson, D.
TN 2J164-7	12 Dec 60	DETERMINATION OF THE LOW TEMPERATURE LIMIT FOR CATEGORY III, XM22E7 MOTORS	Johnson, D. Bauer, D.
TN 2J165-8	30 Sep 60	NASA PAYLOAD NO. 19-D SLED TEST SATELLITE ACCELERATION STUDY	Bauer, D.
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TN 2L1N	1 Dec 60	COMPARISON OF HIGH-IMPULSE SOLID PROPELLANTS	White, N.
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TR 1D2R	25 Feb 60	DETERMINATION OF FERRIC OXIDE, ALUMINUM AND MAGNESIUM OXIDE IN POLYSULFIDE PROPELLANTS	Howard, W. Alley, B.
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TR 1D4R	20 May 60	ANNUAL REVIEW FOR 1959 OF SOLID-PROPELLANT PROGRAM ASSIGNED TO ORDNANCE MISSILE LABORATORIES DIVISION	
TR 1D5R	20 Jun 60	RAPID METHOD FOR DETERMINING PERCHLORATES IN PROPELLANTS AND IGNITER MIXTURES	Alley, B. Dykes, H.
TR 2E2R	20 Sep 60	BATTLEFIELD EFFECTIVENESS OF THE LITTLEJOHN MISSILE SYSTEM WITH AND WITHOUT VARIOUS ZONING DEVICES	Lacayo, H.

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TR 1F6R	11 Jun 60	PULSE OPERATION OF DIRECT-CURRENT SERVO-MOTORS FOR LOWER THRESHOLDS	Salonimer, D. Yoakum, W.
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TR 1G2R	1 Jun 60	ELLIPTICAL FREE-FLIGHT TIME	DeYoung, R. Kay, J.
TR 1G3R	16 Jun 60	JET EFFECTS ON BASE PRESSURES OF CYLINDRICAL AND FLARED AFTERBODIES AT FREE-STREAM MACH NUMBERS OF 1.65, 1.82, AND 2.21	Henderson, J.
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TR 2K1R	Aug 60	MEASUREMENT OF INFRARED RADIATION FROM IN-FLIGHT AIRCRAFT IN THE 4- TO 5-MICRON SPECTRAL BAND	McClusky, L. Crow, T.
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Monograph 1	23 Aug 60	DOWNRANGE OBSERVER LOCATION	Schultis, W. Katter, O.
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METALLURGICAL INVESTIGATION TO ESTABLISH THE CAUSES OF LOW-IMPACT-RESISTANCE CAST IRON PIPE to J. B. Clow & Son Inc.	6 Jan 60	ABMA	Wheelahan, E.
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RA-PR-1-61	21 Mar 61	PROPOSED DEVELOPMENT OF METEOROLOGICAL ROCKET SYSTEMS TO MEET SIGNAL CORPS REQUIREMENTS	
RA-TM-61-1, Pt 1	19 May 61	CONCEPT STUDIES FOR A GENERAL SUPPORT MISSILE SYSTEM PART 1	
RA-TM-61-1, Pt 2	19 May 61	CONCEPT STUDIES FOR A GENERAL SUPPORT MISSILE SYSTEM PART 2	

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RA-TM-61-2	20 Dec 61	MISSILE B WEAPON SYSTEM CONCEPT AND REQUIREMENTS	
RA-TM-3-61	1 Oct 61	MISSILE B SELECTION DATA FOR SINGLE APPROACH	Aberg, J.
RA-TN-1-61	9 Jan 61	FY 63 PROPOSED CRITICAL COMPONENT DEVELOPMENT PROGRAM	
RA-TN-2-61	28 Feb 61	SYSTEM REQUIREMENTS FOR AIRCRAFT AREA ROCKET WEAPON SYSTEM, INTERIM, PHASE I	
RA-TN-3-61	10 Apr 61	THE EFFECT OF STAGE PROPELLANT WEIGHT FRACTIONS AND SPECIFIC IMPULSE ON THE GROWTH FACTOR	
RA-TN-4-61	17 Jul 61	PERSHING IIA, MISSILE SYSTEM STUDY	Dale, W. Papadopoulos, J.
RA-TN-5-61	16 Jun 61	A SIMPLIFIED METHOD OF COMPUTING TRAJECTORY PARAMETERS	Cooper, D.
RA-TR-1-61	10 Feb 61	PRELIMINARY CALCULATION AND LAYOUT METHOD FOR SINGLE AND MULTISTAGE BALLISTIC AND SPACE ROCKETS	Schmidt, R.
RA-TR-4-61	6 Jan 61	COMPRESSIBLE FLOW TABLES $k = 1.24$ ADIABATIC FLOW WITH FRICTION	Hoebich, C.
RA-TR-5-61	30 Jan 61	COMPRESSIBLE FLOW TABLES $k = 1.26$ ADIABATIC FLOW WITH FRICTION	Hoebich, C.
RA-TR-6-61	10 Feb 61	COMPRESSIBLE FLOW TABLES $k = 1.28$ ADIABATIC FLOW WITH FRICTION	Hoebich, C.
RA-TR-7-61	1 Mar 61	COMPRESSIBLE FLOW TABLES $k = 1.30$ ADIABATIC FLOW WITH FRICTION	Hoebich, C.
RA-TR-8-61	14 Apr 61	COMPRESSIBLE FLOW TABLES $k = 1.20$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-9-61	12 May 61	COMPRESSIBLE FLOW TABLES $k = 1.22$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY	Hoebich, C.
RA-TR-10-61	20 Jun 61	COMPRESSIBLE FLOW TABLES $k = 1.24$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-11-61	20 Jul 61	COMPRESSIBLE FLOW TABLES $k = 1.26$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-12-61	15 Aug 61	COMPRESSIBLE FLOW TABLES $k = 1.28$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-13-61	8 Sep 61	COMPRESSIBLE FLOW TABLES $k = 1.30$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-14-61	2 Oct 61	COMPRESSIBLE FLOW TABLES $k = 1.40$ SIMPLE GAS INJECTION WITHOUT FORWARD VELOCITY $y = 0$	Hoebich, C.
RA-TR-15-61	24 Jul 61	A STUDY OF HONEST JOHN AS A LOGISTIC CARCO CARRIER	
RA-TR-16-61	9 Oct 61	COMPRESSIBLE FLOW TABLE $k = 1.20$ SIMPLE GAS INJECTION WITH FORWARD VELOCITY EQUAL TO FREESTREAM VELOCITY $y = 1$	Hoebich, C.

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RA-TR-17-61	24 Oct 61	COMPRESSIBLE FLOW TABLES $k = 1.22$ SIMPLE GAS INJECTION WITH FORWARD VELOCITY EQUAL TO FREESTREAM VELOCITY $y = 1$	Hoebich, C.
RA-TR-18-61	3 Nov 61	COMPRESSIBLE FLOW TABLES $k = 1.24$ SIMPLE GAS INJECTION WITH FORWARD VELOCITY EQUAL TO FREESTREAM VELOCITY $y = 1$	Hoebich, C.
RA-TR-19-61	15 Nov 61	COMPRESSIBLE FLOW TABLES $k = 1.26$ SIMPLE GAS INJECTION WITH FORWARD VELOCITY EQUAL TO FREESTREAM VELOCITY $y = 1$	Hoebich, C.
RA-TR-20-61	10 Dec 61	COMPRESSIBLE FLOW TABLES $k = 1.28$ SIMPLE GAS INJECTION WITH FORWARD VELOCITY EQUAL TO FREESTREAM VELOCITY $y = 1$	Hoebich, C.
RE-BR-2-61	6 Feb 61	A BRIEF REVIEW OF THE ABMA HUMAN FACTORS ENGINEERING PROGRAM	Chaikin, G.
RE-TM-1-61	28 Feb 61	OPERATING PROCEDURES FOR THE IBM 620 COMPUTER	
RE-TM-2-61	18 Apr 61	MISSILEBORNE DIGITAL COMPUTERS (CHARACTERISTICS AND TRENDS)	
RE-TM-3-61	22 May 61	AN INTRODUCTION TO THE PREPARATION OF PROBLEMS FOR DIGITAL COMPUTER SOLUTION	
RE-TR-1-61	16 Jan 61	GENERAL PURPOSE DIGITAL COMPUTERS FOR ENGINEERING AND SCIENTIFIC APPLICATIONS (CHARACTERISTICS AND TRENDS)	MacGowan, R. Whigham, W.
RE-TR-2-61	15 Feb 61	SELECTION AND UTILIZATION OF SIMPLE LEGEND LIGHTS	Chaikin, G.
RE-TR-3-61	15 Jun 61	A DIGITAL COMPUTER PROCEDURE FOR LEAST-SQUARES POLYNOMIAL APPROXIMATION	Beard, D.
RG-IN-19-61	27 Sep 61	WORK STATEMENT FOR G&C MISSILE SYSTEMS STUDIES	
RG-TM-1-61	1961	ACTUAL TRAJECTORY FOR PERSHING TEST FLIGHT 206	
RG-TM-2-61	19 Jan 61	SUPERSONIC AND HYPERSONIC FLOW ALONG A WEDGE	Rubin, D. Smith, M.
RG-TM-3-61	24 Jan 61	RESULTS OF A FORCE TEST ON A BI-CONVEX AIR VANE PANEL MODEL WITH TRIANGULAR PLANFORM IN TRANSONIC FLOW	Svendsen, H.
RG-TM-4-61	24 Jan 61	ACTUAL TRAJECTORY OF PERSHING FLIGHT TEST T-207	Ledford, H.
RG-TM-5-61	30 Jan 61	RESULTS OF A FORCE TEST AT TRANSONIC SPEEDS ON A 10 PERCENT THICK SINGLE WEDGE FLAT PLATE AIR VANE PANEL MODEL WITH PLANFORM SIMILAR TO THE PERSHING FIRST STAGE AIR VANE	Svendsen, H.
RG-TM-6-61	6 Feb 61	GRAVITY COMPENSATION FOR THE SERGEANT MISSILE	Haughey, J.
RG-TM-7-61	8 Feb 61	PRELIMINARY EVALUATION OF PERSHING 207 FLIGHT TEST	Hagood, C.
RG-TM-8-61	8 Feb 61	CONTRIBUTIONS TO THE FLIGHT EVALUATION OF PERSHING MISSILE 208	Hagood, C.

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RG-TM-9-61	17 Feb 61	SERGEANT STANDARD BRAKE TIMES FOR SELECTED CONDITIONS (REVISION 1)	Combs, D.
RG-TM-10-61	8 Mar 61	PERSHING GROUP I STABILITY ANALYSIS	Boutwell, F.
RG-TM-11-61	13 Mar 61	PRELIMINARY EVALUATION OF PERSHING MISSILE FLIGHT TEST 205	
RG-TM-12-61	12 Jul 61	EQUATIONS AND DATA FOR AN/MJQ-1 COMPUTATION OF REDSTONE MISSILE PREFSETTING	Anderson, R. Dickson, R.
RG-TM-14-61	28 Mar 61	CONTRIBUTIONS TO THE FLIGHT EVALUATION OF PERSHING MISSILE 209	Weisler, A. Chapman, R.
RG-TM-15-61	31 Mar 61	RESULTS OF A FORCED TEST ON A 20% SCALE MODEL OF THE PERSHING MISSILE AT TRANSONIC MACH NOS IN THE AEDC 16 FOOT TUNNEL	Svensden, H.
RG-TM-16-61	10 Apr 61	EXP INVESTIGATION OF THE STATIC LONGITUDINAL ABILITY CHARACTERISTICS OF 2ND STAGE TACTICAL PERSHING MISSILE CONFIGURATION AT HYPERSONIC MACH NUMBERS	Pitcock, R.
RG-TM-18-61	6 Mar 61	PRELIMINARY EVALUATION OF PERSHING MISSILE 209 TEST FLIGHT	Hammers, F.
RG-TM-19-61	19 Apr 61	ACTUAL TRAJECTORY OF PERSHING FLIGHT TEST P-212	
RG-TM-21-61	26 Apr 61	METHOD OF CONTROLLING THE RE-ENTRY BODY OF LONG RANGE REDSTONE MISSILE	Lee, P.
RG-TM-22-61	8 Jun 61	CONTRIBUTIONS TO FLIGHT EVALUATION OF PERSHING MISSILE 211	
RG-TM-23-61	22 Jun 61	ACTUAL TRAJECTORY OF PERSHING FLIGHT TEST P-308	Clugston, R.
RG-TM-24-61	26 Jun 61	PRELIMINARY TRAJECTORY FOR THE TEST FIRING OF REDSTONE MISSILE #1005 IF FIRED UNDER AN AIMING AZIMUTH OF $0.57452^{\circ}$ E OF N	
RG-TM-25-61	29 Jun 61	GEOMETRICAL RELATIONSHIP OF THE OGIVE AND CONES TANGENT TO THE OGIVES SURFACE CALCULATION OF AERODYNAMIC HEATING ALONG AN OGIVE SURFACE	Lowry, W.
RG-TM-26-61	6 Jul 61	ANALYSIS TECHNIQUE FOR PERSHING RE-ENTRY BODY MOTION WITH MASS ASYMMETRICS	Jones, O.
RG-TM-27-61	18 Jul 61	ACTUAL TRAJECTORY OF REDSTONE FLIGHT TEST 2042	
RG-TM-28-61	27 Jul 61	PRELIMINARY POST FLIGHT TRAJECTORY OF PERSHING FLIGHT TEST 311	Clugston, P.
RG-TM-29-61	27 Jul 61	PRELIMINARY PRESETTINGS FOR THE TEST FIRING OF REDSTONE MISSILE NUMBER 1009 IF FIRED UNDER AN AIMING AZIMUTH OF $0.57448^{\circ}$ E OF N	
RG-TM-33-61	16 Aug 61	TRAJECTORY AND GUIDANCE CONTRIBUTIONS TO THE FLIGHT EVALUATION OF P-308	Clugston, P.
RG-TM-34-61	3 May 61	Q&C DIV PRELIMINARY EVALUATION OF PM 308 TEST FLIGHT	Hammers, F.
RG-TM-35-61	25 Aug 61	PRELIMINARY PRESETTINGS FOR THE TEST FIRING OF REDSTONE MISSILE NUMBER 1009 IF FIRED UNDER AN AIMING AZIMUTH OF $359.59924^{\circ}$ E OF N	

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RG-TM-36-61	8 Sep 61	PRELIMINARY PRESETTINGS FOR THE TEST FIRING OF REDSTONE MISSILE NUMBER 1006 IF FIRED UNDER AN AIMING AZIMUTH OF 357.71766°E OF N	
RG-TM-37-61	25 Sep 61	TRAJECTORY AND GUIDANCE CONTRIBUTIONS TO THE FLIGHT EVALUATION OF P-311	
RG-TM-38-61	26 Sep 61	AN INVESTIGATION OF THE STATIC STABILITY AND CONTROL EFFECTIVENESS OF A 6 PER CENT MODEL OF THE PERSHING GROUP V MISSILE (CVC 46)	
RG-TM-39-61	4 Oct 61	PRELIMINARY POST FLIGHT TRAJECTORY OF PERSHING FLIGHT TEST P-3I2	Roberts, R.
RG-TM-40-61	6 Oct 61	PRELIMINARY POST FLIGHT TRAJECTORY OF PERSHING FLIGHT TEST 313	Clugston, P.
RG-TM-41-61	11 Oct 61	PRELIMINARY PRESETTINGS FOR THE TEST FIRING OF REDSTONE MISSILE NUMBER 1012 IF FIRED UNDER AN AIMING AZIMUTH OF 354.89397°E OF N	
RG-TM-42-61	27 Oct 61	PRELIMINARY TRAJECTORY FOR THE TEST FIRING OF REDSTONE MISSILE #1008 IF FIRED UNDER AN AIMING AZIMUTH OF 167.79955°E OF N	
RG-TM-43-61	22 Jun 61	PARAMETRIC STUDY OF AIR DROP BOOST, PERSHING TEST VEHICLE FOR DETERMINING WARHEAD, GROUND, IMPACT FUZING AND RE-ENTRY BODY, AERODYNAMIC	Clugston, P.
RG-TM-44-61	29 Nov 61	AN INVESTIGATION OF THE CONTROL EFFECTIVENESS OF THE PERSHING AIR VANES AT SUPERSONIC MACH NUMBER (JPL 473)	
RG-TM-47-61	20 Dec 61	PRELIMINARY POST FLIGHT TRAJECTORY PERSHING FLIGHT TEST 320	Clugston, P.
RG-TM-48-61	18 Dec 61	WIND TUNNEL INVESTIGATION OF THE EFFECT OF SECOND STAGE RUDDERS ON PERSHING FIRST STAGE NORMAL FORCE LOADING	Gray, W.
RG-TM-49-61	19 Dec 61	A SUMMARY OF EXPER-PITCH DAMPING COEFFICIENT FOR PERSHING RE-ENTRY BODY	Hoop, H.
RG-TM-50-61	18 Dec 61	WIND TUNNEL INVESTIGATION OF THE STATIC LONGITUDINAL STABILITY CHARACTERISTICS OF THE PERSHING GROUP II MISSILE CONFIGURATION	Pitcock, R.
RG-TM-51-61	30 Dec 61	WIND TUNNEL PRESSURE RESULTS OF THE PERSHING BODY WAVE CONFIGURATION AT MACH NUMBERS FROM 0.690 TO 4.45	Gray, W.
RG-TM-52-61	20 Dec 61	EXPERIMENTAL PRESSURE DISTRIBUTION ON A PRELIMINARY PERSHING RE-ENTRY CONFIGURATION WITHOUT FINS	Gray, W.
RG-TN-1-61	10 Feb 61	EVALUATION OF SERGEANT MISSILE IMPACT CIRCULAR PROBABLE ERROR	Shokes, I. Haughey, J.
RG-TN-2-61	13 Jan 61	CALCULATION OF MISSILE ACCURACY FROM ACTUAL TEST FLIGHT DATA	

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RG-TN-3-61	23 Mar 61	THE EFFECT OF WIND ON THE DIVE PHASE OF THE EXTENDED RANGE REDSTONE MISSILE	
RG-TN-4-61	29 Mar 61	AEROBALLISTIC EVALUATION OF JUPITER TEST FLIGHT LST CM-217	Clugston, P. Henrickson, H.
RG-TN-5-61	6 Apr 61	VIBRATION ANALYSIS (CANTILEVER) ON PERSHING MISSILE 205 GROUP II	
RG-TN-6-61	7 Jul 61	THE EFFECT OF 98% LOX LOADING ON JUPITER MAXIMUM RANGE	
RG-TN-7-61	10 May 61	THE RAF APPROACH TO RELIABILITY	
RG-TN-8-61	12 May 61	FREE-FREE, CANTILEVERED AND TORSION VIBRATION ANALYSIS ON GROUP III PERSHING MISSILE 308	
RG-TN-9-61	25 May 61	STATIC STABILITY CHARACTERISTICS OF MISSILE "A" WITH SEVERAL FIN CONFIGURATIONS AT TRANSONIC SPEEDS	
RG-TN-10-61	31 May 61	PARAMETRIC INVESTIGATION OF RANGE DEVIATION IN A NEAR VACUUM TRAJECTORY	
RG-TN-11-61	30 Aug 61	FREE-FREE VIBRATION STUDY OF MODEL MISSILE	
RG-TN-12-61	11 Sep 61	ANALYSIS OF EFFECTS OF LANYARD SEPARATION OF THE PERSHING MISSILE	
RG-TN-13-61	30 Aug 61	INVESTIGATION OF G&C PROGRAM CAM TOLERANCES	Crawford, J. Linsky, M.
RG-TN-14-61	5 Oct 61	STATUS OF ANALYSIS OF PERSHING OSCILLATIONS	
RG-TN-15-61	1 Oct 61	REPORT OF PRELIMINARY TEST ON GAS GYRO INERTIAL REFERENCE SYSTEM	Walls, B.
RG-TN-16-61	11 Oct 61	AN ANALYSIS OF EFFECTS OF SPIN SYSTEM ON PERSHING RE-ENTRY BODY INSTABILITY	Henrickson, H.
RG-TN-17-61	7 Nov 61	PRESSURE STUDIES ON A MISSILE "A" CONFIGURATION AT THREE SUPERSONIC MACH NUMBERS	
RG-TN-18-61	30 Nov 61	VIBRATION ANALYSIS ON GROUP III PERSHING MISSILE 330	
RG-TN-19-61	22 Nov 61	EVALUATION OF MISSILE A ROUNDS GI THROUGH GVIII	Along!, R.
RG-TR-1-61	15 Jun 61	STABILITY CHARACTERISTICS OF A FAMILY OF TANGENT OGIVE-CYLINDER BODIES AT MACH NUMBERS FROM 0.2 TO 1.5	Gwin, H. Spring, D.
RGA-TN-13-61	22 May 61	PERFORMANCE STUDY FOR A MEDIUM RANGE BALLISTIC MISSILE	
RGA-TN-15-61	9 May 61	A SIMPLIFIED METHOD FOR DETERMINING GRAVITY COMPENSATION REQUIRED IN A TWO TERM CUT-OFF EQUATION	
RGA-TN-16-61	2 Aug 61	INFLUENCE OF RELAXING GUIDANCE TOLERANCES ON PERSHING FUZE ACCURACY	



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RJ-TN-1-61	13 Jun 61	OVERALL STUDY AND FLIGHT EVALUATION OF THE JUPITER MISSILE PROPULSION AND ASSOCIATED SYSTEMS	
RJ-TR-2-61	30 Jun 61	JUPITER VEHICLE STATIC TEST MALFUNCTION STUDY	Brown, P.
RJ-TR-3-61	31 Aug 61	JUPITER MISSILE MALFUNCTION STUDY (JUPITER AND JUNO II PROGRAM)	McDonald, G. Brown, P.
RJ-TR-4-61	30 Nov 61	JUPITER PROPULSION AND ASSOCIATED SYSTEMS FLIGHT MEASUREMENTS PERFORMANCE STUDY	McDonald, G. Miller, J.
RK-TR-11-61	7 Apr 61	OVERALL STUDY OF FLIGHT EVALUATION OF REDSTONE MISSILE AND ASSOCIATED SYSTEMS	
RP-BR-1-61	19 Jul 61	OPERATIONS MANUAL LGP-30 DIGITAL COMPUTER	
RP-TM-1-61	12 Sep 61	AN ANALYTICAL STUDY ON EFFICIENCY OF VARIABLE THRUST LIQUID ROCKET ENGINES	Riviere, R.
RP-TN-1-61	15 May 61	TECHNICAL EVALUATION OF AN AIR TURBO-ROCKET ROCKET ENGINE AS AN MRBM FIRST STAGE	
RP-TN-2-61	22 Dec 61	PRELIMINARY DESIGN OF A PRE-PACKAGED LIQUID PROPULSION SYSTEM FOR MISSILE B	
RPEB-TM-1-61	14 May 61	PARAMETRIC ANALYSIS OF HONEST JOHN ROUND NUMBER 13283	
RPEF-TR-1-61	15 Dec 61	PRELIMINARY DESIGN OF A SOLID PROPELLANT MOTOR FOR MISSILE B	Whitehurst, D.
RPS-TM-1-61	27 Jan 61	PERSHING PROPULSION SYSTEM LOW TEMPERATURE PROBLEMS AND SOLUTIONS	
RR-TM-1-61	4 Jan 61	POLYNOMIAL REPRESENTATION OF ATMOSPHERIC DENSITY AS A FUNCTION OF GEOGRAPHIC LATITUDE AND MONTH	Alfuth, W. Alsbrook, A. Dickey, L.
RR-TM-2-61	16 Jan 61	METEOROLOGICAL RESUME FOR PERSHING MISSILE 107	Billions, N.
RR-TM-3-61	21 Jan 61	METEOROLOGICAL RESUME FOR PERSHING MISSILE 108	Billions, N.
RR-TM-4-61	23 Jan 61	METEOROLOGICAL RESUME FOR PERSHING MISSILE 109	Billions, N.
RR-TM-5-61	8 Feb 61	METEOROLOGICAL RESUME FOR PERSHING MISSILE 110	Billions, N.
RR-TM-8-61	6 Jun 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 205	Billions, N.
RR-TM-9-61	15 Jun 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 206	Billions, N.
RR-TM-10-61	18 Jul 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 207	Billions, N.
RR-TM-11-61	11 Aug 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 209	Billions, N.
RR-TM-12-61	26 Oct 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 210	Billions, N.

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RR-TM-13-61	20 Nov 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 211	Billions, N.
RR-TM-14-61	15 Dec 61	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 212	Billions, N.
RR-TM-15-61	15 Dec 61	A TRANSISTORIZED VOLTAGE SENSOR FOR A RANGE SWITCHING CIRCUIT	Lackner, H.
RR-TN-2-61	7 Mar 61	RESUME OF BASIC GAS DYNAMICS THEORY WITH EMPHASIS ON PERFECT GASES	Garcia, F.
RR-TN-3-61	1 Sep 61	THE CONCEPT OF TEMPERATURE AND SOME METHODS OF TEMPERATURE MEASUREMENT	Mitchell, R.
RR-TN-4-61	15 Sep 61	ACQUISITION, STORAGE AND RETRIEVAL OF SCIENTIFIC INFORMATION ON MISSILE TECHNOLOGY	Beckert, H.
RR-TN-5-61	16 Oct 61	THE APPLICATION OF MASERS WITH ABMA MISSIONS	Gudzent, D.
RR-TN-6-61	1 Dec 61	PRELIMINARY RESULTS OF RESEARCH ON DENSITY PROFILES IN RESPECT TO MATHEMATICAL REPRESENTATION AND CLASSIFICATION BY WEATHER TYPE	
RR-TN-7-61	4 Dec 61	EURASIAN WEATHER SYSTEMS AND WEATHER ELEMENTS (A CONTRIBUTION TO EVALUATION OF PRECIPITATION IN THE FREE ATMOSPHERE)	
RR-TN-32-61	Dec 61	A REVIEW ABOUT THE THEORY OF THE CONDENSATION OF DROPS	Gudzent, D.
RR-TR-1-61	15 Feb 61	ON DEFINING AND COMPUTING THE MEAN AND THE STANDARD DEVIATION FOR WIND DIRECTIONS	Essenwanger, O.
RR-TR-2-61	22 May 61	A GENERAL INVESTIGATION OF FLOW IN THE BASE REGION OF TWO DIMENSIONAL BODIES AND BODIES OF REVOLUTION	Kurtz, R. Larsen, J.
RR-TR-3-61	8 May 61	METEOROLOGICAL R&D REQUIREMENTS FOR GUIDED AND BALLISTIC MISSILE PROBLEMS	Alfuth, W.
RR-TR-4-61	10 Oct 61	SOME FEATURES OF AIR DENSITY PROFILES UP TO THE MIDDLE STRATOSPHERE	Alfuth, W.
RR-TR-5-61	3 Aug 61	RELIABILITY AND REPRESENTATIVENESS OF AIR DENSITY DATA	Alfuth, W.
RR-TR-5-61	15 Oct 61	EMPIRICAL ACCURACIES OF POSITION AND VELOCITY FROM DOPPLER TRACKING OF MISSILE FLIGHTS	Reisig, G.
RR-TR-6-61	17 Oct 61	ABMA DATA REDUCTION PROGRAM IN UPPER AIR CLIMATOLOGY	Alfuth, W.
RR-TR-7-61	31 Aug 61	ANALYSIS OF ATMOSPHERIC TURBULENCE FROM FLIGHT WIND MEASUREMENTS	Essenwanger, O.
RR-TR-8-61	6 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART IV - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, KEFLAVIK, ICELAND	Alfuth, W.

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RR-TR-9-61	12 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART V - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, WIESBADEN, GERMANY	Alfuth, W.
RR-TR-10-61	13 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART VI - EMPIRICAL WIND DISTRIBUTION OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, THULE, GREENLAND	Alfuth, W.
RR-TR-11-61	18 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART VII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, TRIPOLI, LIBYA	Alfuth, W. Alsobrook, A.
RR-TR-12-61	19 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART VIII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, WIESBADEN, GERMANY	Alfuth, W. Alsobrook, A.
RR-TR-13-61	20 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART IX - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, PATRICK AFB/CAPE CANAVERAL, FLORIDA	Alfuth, W. Alsobrook, A.
RR-TR-14-61	23 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART X - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, TRIPOLI, LIBYA	Alfuth, W. Alsobrook, A.
RR-TR-15-61	24 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART XI - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS - BERLIN - TEMPELHOF, GERMANY	Alfuth, W. Alsobrook, A.
RR-TR-16-61	25 Oct 61	AOMC CLIMATOLOGICAL RINGBOOK PART XII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, TOKYO/NAGOYA, JAPAN	
RR-TR-17-61	26 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART XIII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, EL PASO, TEXAS	Alfuth, W. Alsobrook, A.
RR-TR-18-61	27 Oct 61	ABMA CLIMATOLOGICAL RINGBOOK PART XIV - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, FAIRBANKS, ALASKA	Alfuth, W. Alsobrook, A.
RR-TR-19-61	28 Oct 61	AOMC CLIMATOLOGICAL RINGBOOK PART XV - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS ADAK, ALEUTIAN ISLANDS, ALASKA	
RR-TR-20-61	30 Oct 61	AOMC CLIMATOLOGICAL RINGBOOK PART XVI - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, ALERT, ELLESMERE ISLAND, CANADA	Alfuth, W. Alsobrook, A.
RR-TR-21-61	31 Oct 61	AOMC CLIMATOLOGICAL RINGBOOK PART XVII - EMPIRICAL FREQUENCY DISTRIBUTION OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, FAIRBANKS, ALASKA	Alfuth, W.

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RR-TR-22-61	1 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK PART XVIII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, THULE, GREENLAND	Alfuth, W. Alsobrook, A.
RR-TR-23-61	2 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK PART XIX - EMPIRICAL FREQUENCY DISTRIBUTIONS OF PRESSURE, TEMPERATURE AND AIR DENSITY AT LEVELS OF CONSTANT ALTITUDE, VEINNA, AUSTRIA	Alfuth, W.
RR-TR-24-61	3 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK PART XX - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS PORT LYAUTEY, MOROCCO	Alfuth, W. Alsobrook, A.
RR-TR-25-61	4 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK PART XXI - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, BARROW, ALASKA	Alfuth, W. Alsobrook, A.
RR-TR-26-61	6 Nov 61	ABMA CLIMATOLOGICAL RINCBOOK PART XXII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, INTERNATIONAL FALLS, MINNESOTA	Alfuth, W. Alsobrook, A.
RR-TR-27-61	7 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK PART XXIII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, EL PASO, TEXAS	Alfuth, W. Alsobrook, A.
RR-TR-28-61	8 Nov 61	AOMC CLIMATOLOGICAL RINCBOOK, PART XXIV - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, PANAMA CANAL ZONE	Dudel, H.
RR-TR-31-61	13 Nov 61	CLIMATOLOGICAL RINCBOOK, PART XXVII - EMPIRICAL FREQUENCY DISTRIBUTIONS OF WIND COMPONENTS AT CONSTANT ALTITUDE LEVELS, SILVERHILL, MARYLAND	Alfuth, W. Alsobrook, A.
RR-TR-32-61	20 Jun 61	A REVIEW ABOUT THE THEORY OF THE CONDENSATION OF DROPS	Cudzent, D.
RR-TR-33-61	15 Dec 61	THE RELATION BETWEEN CLOUD COVER AND RELATIVE HUMIDITY (A CONTRIBUTION OF OCCURRENCE AND INTENSITY OF CLOUDS AND PRECIPITATION IN THE FREE ATMOSPHERE, PRELIMINARY RESULTS)	Essenwanger, O. Haggard, G.
RR-TR-34-61	18 Dec 61	MEAN WIND PROFILES BY WEATHER SITUATIONS (A CONTRIBUTION TO STRATIFIED CLIMATOLOGY)	Essenwanger, O.
RR-TR-35-61	18 Dec 61	THE LIMITATIONS OF THE CORRELATION METHOD FOR DETERMINING THE WIND INFLUENCE UPON MISSILES	Essenwanger, O.
RR-TR-60-61	16 Oct 61	RELIABILITY AND REPRESENTATIVENESS OF AIR DENSITY DATA	Alfuth, W.
RR-TR-2-62	7 Nov 61	THE FEASIBILITY OF HIGH STRENGTH ALLOYS FOR THE CONSTRUCTION OF ROCKET MOTOR CASES	Steverding, B. Krick, G.

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RR-TR-4-62	31 Dec 61	QUARTERLY RESEARCH REVIEW NO. 31 - 1 AUG - 30 NOV 61	
RS-PR-1-61	18 Sep 61	LEAFLET DISSEMINATION ROCKET SYSTEM PROPOSAL	
RS-S-1-61	21 Jul 61	DEVELOPMENT STUDY OF A SPIN-RATE INDICATING DEVICE FOR THE PADA LITTLEJOHN MISSILE	van Leeuwen, L.
RS-TM-1-61	20 Jan 61	PERSHING RESEARCH AND DESIGN DATA	Gramer, M. Blackledge, W.
RS-TM-2-61	13 Mar 61	SYSTEM DESIGN REQUIREMENTS FOR PHASE I AIRCRAFT AREA ROCKET WEAPON SYSTEM	Comus, N.
RS-TM-3-61	6 Mar 61	TEST PLAN PHASE II PADA LITTLEJOHN	Hube, F.
RS-TM-4-61	20 Nov 61	REVISED DEVELOPMENT TEST PLAN FOR PHASE I AIRCRAFT INTERIM AREA ROCKET WEAPON SYSTEM	Blackledge, W. Gerry, G.
RS-TM-5-61	6 Apr 61	WIND EFFECTS ON THE JUPITER IOC MISSILE IN THE LAUNCH POSITION INCLUDING THE TAIL SHELTER	
RS-TM-6-61	17 May 61	EVALUATION OF A DIRECT SUPPORT MISSILE SYSTEM	
RS-TM-6-61, Appen. B	May 61	BOOSTER MOTOR THRUST ALIGNMENT STUDY	Cobb, B.
RS-TM-8-61	11 Oct 61	SERGEANT DESIGN DEMONSTRATION DEVELOPMENT TEST PLAN	Comus, N.
RS-TM-9-61	24 Nov 61	FIRING TEST PLAN FOR DISPERSION REDUCTION CONCEPTS WITH POSSIBLE APPLICATION TO IMPROVED AREA AIRCRAFT ROCKETS PART I (AUTO-SPIN CONCEPT)	Blackledge, W.
RS-TM-10-61	27 Nov 61	SERGEANT TEST DIRECTIVE	Comus, N.
RS-TM-11-61	1 Dec 61	SYSTEM REQUIREMENTS FOR AIRCRAFT AREA ROCKET WEAPON SYSTEM PHASE II	Hanson, G. Parker, R.
RS-TN-1-61	18 Jan 61	PRELIMINARY THERMAL PROTECTION CONSIDERATIONS ON TWO RE-ENTRY BODY CONFIGURATIONS FOR PERSHING II (EXTENDED RANGE)	Burleson, W.
RS-TN-2-61	8 Feb 61	CALCULATED AERODYNAMIC HEATING EFFECTS ON AN IRBM JUPITER ALL-PLASTIC NOSE CONE	Burleson, W.
RS-TN-3-61	27 Jan 61	ANTICIPATED EFFECT ON THE GROUND SUPPORT EQUIPMENT - PERSHING WEAPON SYSTEM - RESULTING IN A CHANGE OF THE LOW TEMPERATURE LIMITS OF THE MISSILE MOTORS	
RS-TN-4-61	3 May 61	CALCULATED HEATING EFFECTS ON MISSILE "A" BOOSTER MOTORS	Letson, K.
RS-TN-5-61	Aug 61	BACKGROUND FOR FORMULATION OF THE PHASE II PROGRAM DEVELOPMENT AARWS	Parker, E. Blackledge, W.
RS-TR-1-61	1 May 61	ANALYSIS OF LITTLEJOHN INDUSTRIAL BASE GRAIN LOT (HPC-P-18) STATIC TEST RESULTS	Carter, A.

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RT-TM-1-61	3 Jan 61	PERSHING HORIZONTAL SEPARATION TEST, TESTS #302A, 302B, AND 302C	
RT-TM-3-61	13 Mar 61	UDOP FLIGHT TEST DATA, REDSTONE MISSILE 2038	Fallon, R. Smith, M.
RT-TM-4-61	24 Apr 61	UDOP FLIGHT TEST DATA, REDSTONE MISSILE 2040	Fallon, R. Smith, M.
RT-TM-5-61	19 Mar 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 210	Craft, J.
RT-TM-6-61	14 Jul 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 212	Fallon, R. Smith, M.
RT-TM-7-61	27 Jun 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 209	Fallon, R. Smith, M.
RT-TM-8-61	27 Jun 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 211	Fallon, R. Smith, M.
RT-TM-9-61	6 Jul 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 310	Fallon, R. Smith, M.
RT-TM-10-61	7 Jul 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 308	Fallon, R. Smith, M.
RT-TM-11-61	22 Aug 61	UDOP FLIGHT TEST DATA, REDSTONE MISSILE 2043	Fallon, R. Smith, M.
RT-TM-12-61	22 Aug 61	UDOP FLIGHT TEST DATA, REDSTONE MISSILE 2042	Fallon, R. Smith, M.
RT-TM-13-61	25 Sep 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 313	Fallon, R. Smith, M.
RT-TM-14-61	25 Sep 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 311	Fallon, R. Smith, M.
RT-TM-15-61	27 Sep 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 316	Fallon, R. Smith, M.
RT-TM-16-61	25 Sep 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 312	Fallon, R. Smith, M.
RT-TM-17-61	27 Sep 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 315	Fallon, R. Smith, M.
RT-TM-18-61	23 Oct 61	UDOP FLIGHT TEST DATA, PERSHING MISSILE 318	Fallon, R. Smith, M.
RT-TM-19-61	25 Nov 61	ABMA REQUIREMENTS FOR GOVERNMENT INSPECTION PERSHING XT14 GUIDED MISSILE TRAINER (Hayes Corporation)	Veitch, R.
RT-TM-1-62	7 Dec 61	UDOP FLIGHT TEST DATA M-319	Fallon, R. Smith, M.
RT-TM-2-62	7 Dec 61	UDOP FLIGHT TESTS DATA M-320	Fallon, R. Smith, M.

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RT-TM-3-62	7 Dec 61	UDOP FLIGHT TEST DATA M-322	Fallon, R. Smith, M.
RT-TN-1-61	28 Mar 61	PERSHING SYSTEM ELEC CONNECTOR SEP TEST	Lawson, H.
RT-TN-2-61	29 Jun 61	RESULTS OF CYCLIC EXPOSURE TEST ON A REDESIGNED JUPITER WEAPONS SYSTEM GROUND CABLE DISTRIBUTION BOX	
RT-TN-3-61	22 Aug 61	XM52 SPIN MOTOR STATIC TESTS	
RT-TN-4-61	24 Jul 61	JUPITER AFT SECTION REPORT	Daniel, J.
RT-TN-5-61	4 Oct 61	RAILROAD TRANSPORTABILITY STUDIES OF PERSHING MISSILE CONTAINERS	
RT-TN-6-61	15 Nov 61	RESULTS OF 93 AIRCRAFT INTERIM AREA ROCKET WEAPON SYSTEM CAPTIVE TESTS	
RT-TN-1-62	29 Dec 61	MATING AND STATIC LOAD TESTS CONDUCTED ON JUPITER AUXILIARY RING TO LAUNCHER CLAMPING DEVICES (D8931825 AND D8932052)	Sanders, M.
RT-TR-2-61	6 Jan 61	DATA REDUCTION ANALYSIS OF PERSHING RADAR ALTIMETER SYSTEM CRAFT	
RT-TR-3-61	25 Jan 61	RESEARCH AND DEVELOPMENT TESTS OF BLOCK III ENGINE - ENGINE S/N J-5094	
RT-TR-7-61	23 Jan 61	RESULTS OF ALTITUDE SIMULATION TEST USING PERSHING GROUP III, SECOND STAGE COMPONENTS	Richardson, J.
RT-TR-8-61	9 May 61	PERSHING CAPTIVE TEST 303A1	Matson, E.
RT-TR-9-61	30 Jun 61	STATIC FIRING OF REDSTONE BOOSTER CC-53	Harsh, M.
RT-TR-10-61	10 Jul 61	STATIC FIRING OF REDSTONE THRUST UNIT S/N 1008	Harsh, M.
RT-TR-11-61	17 Nov 61	TEST OF SIMULATOR WIND SPEED SM-232 ( )/GMO	Seidl, H.
RT-TR-12-61	15 Dec 61	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 48XB1	Daniel, J.
RTLA-TM-8.1-61	6 Jun 61	INDEX AND TEST RESULTS PART I FIRING TEST REPORT REDSTONE MISSILE CC-2042 AMR TEST NO. 817	
RTLA-TM-11.2a-61	18 Apr 61	CONSOLIDATED INSTRUMENTATION PLAN IIa OF THE FIRING TEST REPORT PERSHING MISSILE 308	Cooper, W.
RTLA-TM-15.1-61	8 Jun 61	INDEX AND TEST RESULTS PART I OF THE FIRING TEST REPORT PERSHING MISSILE 310	
RTLA-TM-16.1-61	29 Jun 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 311 - PART I	Swallick, T.
RTLA-TM-16.2a-61	2 Jun 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 311 - PART IIa	Cooper, W.
RTLA-TM-16.2b-61	24 Aug 61	INSTRUMENTATION OPERATION ANALYSIS PART IIB - FIRING TEST REPORT PERSHING MISSILE 311	Cooper, W. Gandy, W.

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RTLA-TM-16.4-61	22 May 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 311	Bilott, W.
RTLA-TM-17.1-61	14 Jul 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 312 - PART I	Swallick, T.
RTLA-TM-17.2a-61	26 Jun 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 312 - PART IIa	Cooper, W.
RTLA-TM-17.2b-61	12 Sep 61	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 312 - PART IIb	Cooper, W. Gandy, W.
RTLA-TM-17.4-61	15 Jun 61	MASTER OPERATIONAL SCHEDULE FIRING TEST REPORT PERSHING MISSILE P-312 - PART IV	Horner, F.
RTLA-TM-18-61	26 May 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 311	Cooper, W.
RTLA-TM-20-61	9 Jun 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 312	Cooper, W.
RTLA-TM-21.1-61	7 Aug 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 313 - TEST NO. 2527 - PART I	Swallick, T.
RTLA-TM-21.2a-61	13 Jul 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 313 - PART IIa	Cooper, W.
RTLA-TM-21.2b-61	9 Oct 61	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 313 - PART IIb	Cooper, W. Gandy, W.
RTLA-TM-21.4-61	30 Jun 61	MASTER OPERATIONAL SCHEDULE FIRING TEST REPORT PERSHING MISSILE P-313 - PART IV	Foster, W.
RTLA-TM-22-61	7 Jul 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 313	Cooper, W.
RTLA-TM-23-61	22 Aug 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 318	Cooper, W.
RTLA-TM-24-61	17 Jul 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 315	Cooper, W.
RTLA-TM-25.1-61	12 Sep 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 315 TEST NO. 3201	Swallick, T.
RTLA-TM-25.2a-61	3 Aug 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 315 - PART IIa	Cooper, W.
RTLA-TM-25.2b-61	30 Oct 61	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 315 - PART IIb	Cooper, W. Gandy, W.
RTLA-TM-25.4-61	25 Jul 61	MASTER OPERATION SCHEDULE PART IV OF THE FIRING REPORT, PERSHING 315	Bilott, W.
RTLA-TM-26.1-61	26 Sep 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 316 - PART I	Swallick, T.
RTLA-TM-26.2a-61	17 Aug 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 316 - PART IIa	Cooper, W.



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RTLA-TM-26.2b-01	16 Nov 61	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 316 - PART IIB	Gandy, W.
RTLA-TM-26.4-61	8 Aug 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 316	Bilott, W.
RTLA-TM-27-61	14 Aug 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 316	Cooper, W.
RTLA-TM-28.1-61	24 Oct 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 318 TEST NO. 3756 - PART I	Swallick, T.
RTLA-TM-28.2a-61	30 Aug 61	CONSOLIDATED INSTRUMENTATION PLAN PERSHING MISSILE 318 - PART IIa	Cooper, W.
RTLA-TM-28.2b-61	13 Dec 61	INSTRUMENTATION OPERATION ANALYSIS PART IIB OF THE FIRING TEST REPORT PERSHING MISSILE 318	
RTLA-TM-28.4-61	17 Aug 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 318	Bilott, W.
RTLA-TM-29.1-61	1 Nov 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 319 TEST NO. 3757 - PART I	Swallick, T.
RTLA-TM-29.2a-61	22 Sep 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 319 - PART IIa	Cooper, W.
RTLA-TM-29.2b-61	22 Dec 61	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 319 - PART IIB	Gandy, W.
RTLA-TM-29.4-61	6 Sep 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 319	Bilott, W.
RTLA-TM-30-61	31 Aug 61	AMR BRANCH ACTIVITY REPORT, PERSHING 315	Faulkner, F.
RTLA-TM-31-61	14 Sep 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 319	Cooper, W.
RTLA-TM-32.1-61	23 Oct 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 320 TEST NO. 4505 - PART I	Swallick, T.
RTLA-TM-32.2a-61	9 Oct 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 320 - PART IIa	Cooper, W.
RTLA-TM-32.4-61	19 Sep 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 320	Newell, R.
RTLA-TM-33-61	20 Sep 61	AMR BRANCH ACTIVITY REPORT, PERSHING 316	Faulkner, F.
RTLA-TM-34-61	26 Sep 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 320	Cooper, W.
RTLA-TM-36.1-61	13 Nov 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 322 TEST NO. 5457 - PART I	Swallick, T.
RTLA-TM-36.2a-61	30 Oct 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 322 - PART IIa	Cooper, W.
RTLA-TM-36.4-61	9 Oct 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 322	Bilott, W.
RTLA-TM-37-61	13 Oct 61	AMR BRANCH ACTIVITY REPORT, PERSHING 319	Faulkner, F.

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RTLA-TM-38-61	19 Oct 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 322	Cooper, W.
RTLA-TM-39.1-61	5 Dec 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 323 TEST NO. 5458 - PART I	Swallick, T.
RTLA-TM-39.2a-61	9 Nov 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 323 - PART IIa	Cooper, W.
RTLA-TM-39.4-61	23 Oct 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 323	Bilott, W.
RTLA-TM-40-61	3 Nov 61	AMR BRANCH ACTIVITY REPORT, PERSHING 320	Faulkner, F.
RTLA-TM-41.1-61	29 Dec 61	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 324 TEST NO. 5459 - PART I	Swallick, T.
RTLA-TM-41.2a-61	29 Nov 61	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 324 - PART IIa	Cooper, W.
RTLA-TM-41.4-61	6 Nov 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 324	Bilott, W.
RTLA-TM-42-61	8 Nov 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 323	Cooper, W.
RTLA-TM-43.1-61	19 Jan 62	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 327 TEST NO. 8600 - FINAL REPORT	Swallick, T.
RTLA-TM-43.2a-61	15 Dec 61	CONSOLIDATED INSTRUMENTATION PLAN PART IIa OF THE FIRING TEST REPORT PERSHING MISSILE 327	Cooper, W.
RTLA-TM-43.4-61	27 Nov 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 327	Bilott, W.
RTLA-TM-44-61	22 Nov 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 324	Cooper, W.
RTLA-TM-45-61	1 Dec 61	AMR BRANCH ACTIVITY REPORT, PERSHING 322	Faulkner, F.
RTLA-TM-46-61	8 Dec 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 327	Cooper, W.
RTLA-TM-47-61	14 Dec 61	AMR BRANCH ACTIVITY REPORT, PERSHING 323	Faulkner, F.
RTLA-TM-48.1-62	2 Feb 62	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 334, TEST NO. 54 - PART I	Swallick, T.
RTLA-TM-48.4-61	15 Dec 61	MASTER OPERATIONAL SCHEDULE PART IV OF THE FIRING TEST REPORT, PERSHING 334	Bilott, W.
RTLA-TM-49-61	19 Dec 61	AMR BRANCH ACTIVITY REPORT, PERSHING 324	Faulkner, F.
RTLA-TM-50-61	22 Dec 61	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 334	Cooper, W.
RTLA-TM-51-61	29 Dec 61	AMR BRANCH ACTIVITY REPORT, PERSHING 327	Faulkner, F.
RY-TN-1-61	1 Jun 61	PRELIMINARY INVESTIGATION OF A STRAPPED DOWN INERTIAL GUIDANCE SYSTEM FOR A LARGE BALLISTIC MISSILE	Conrard, R.

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ABMA-STD-434	1 Oct 61	WEAPON SYSTEMS HUMAN FACTORS ENGINEERING CRITERIA	
ABMA Case History-1	Jan 61	HISTORY OF THE JUPITER TRAINING PROGRAM	
Hist Mono 4, Vol 1	Apr 61	DEVELOPMENT OF THE CORPORAL: THE EMBRYO OF THE ARMY MISSILE PROGRAM	Bragg, J.
Hist Mono 4, Vol 2	Apr 61	DEVELOPMENT OF THE CORPORAL: THE EMBRYO OF THE ARMY MISSILE PROGRAM VOLUME II - SUPPORTING DATA	Miles, R.
Hist Mono 5	Sep 61	CHRONOLOGY OF THE ARMY BALLISTIC MISSILE AGENCY	

### Section III

#### NUMBERED REPORTS - ARMY ROCKET AND GUIDED MISSILE AGENCY (ARGMA)

<u>Report No.</u>	<u>Date</u>	<u>Title</u>	<u>Author</u>
AMRAC V, Part I	Nov 61	STUDY OF TRANSITION FROM LAMINAR TO TURBULENT FLOW IN WAKES	Schultis, W.
AMRAC V, Part I	Nov 61	A COMPARISON BETWEEN AN EQUILIBRIUM AND A NONEQUILIBRIUM FLOW FIELD UNDER SAME FLIGHT CONDITIONS	Au, R.
ARPA 39-60- Task 14-FLR	6 Jul 61	TARGET EVALUATION AND WEAPONS ASSIGNMENT	
ARPA 39-61- Task 2	30 Jun 61	SEMI-ANNUAL TECHNICAL SUMMARY REPORT NR 4	
ARPA 115-60- SATSR-2	31 Mar 61	INVESTIGATION OF TECHNIQUES FOR OBTAINING MASSIVE HYPERVELOCITY PARTICLES BY ELECTRICAL MEANS	
ARPA-115-60-FTSR	21 Oct 61	FINAL TECHNICAL SUMMARY REPORT	
ARPA 203-61- SATSR-1	25 Oct 61	RESEARCH ON BASE FLOW AND WAKE	
4M5N27	Feb 61	RELIABILITY REPORT	Benton, W.
4M5N28	Apr 61	RELIABILITY REPORT	Jacks, S.
4M5N29	Jun 61	SCOREKEEPING: PLOTS OF SUCCESS/FAILURE OF MISSILES IN SYSTEMS TESTS	Jacks, S.
4M5N30	Jul-Sep 61	SCOREKEEPING: PLOTS OF SUCCESS/FAILURE OF MISSILES IN SYSTEMS TESTS	Benton, W.
4M5N31	Oct-Dec 61	SCOREKEEPING: PLOTS OF SUCCESS/FAILURE OF MISSILES IN SYSTEMS TESTS	Benton, W.
4R50F	11 Aug 61	AN APPROACH TO DEFENSE AGAINST MINIMUM ALTITUDE AIR SUPPORTED THREAT VEHICLES	Duvall, F.
RF-TR-1-61	Feb 61	OPERATION GASLIGHT IN AUSTRALIA	Woodbridge, D.
RF-TR-2-61	Mar 61	PROCEEDINGS OF OPERATION GASLIGHT RADIATION MEASUREMENTS SYMPOSIUM	Woodbridge, D.
TM 2E10M	23 Jan 61	MINIMUM NUCLEAR BURST ALTITUDES SPECIFIED BY TROOP SAFETY	Jenkins, B.
TM 2E12M	9 Feb 61	POSSIBLE VEHICLES FOR FABMDS OPERATION	Forgey, R.

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TM 2E13M	17 Feb 61	MOTOR PERFORMANCE CALCULATIONS (NIKE ZEUS)	
TM 2E14M	15 Jun 61	PRESSURE AND THERMAL STRESS ANALYSIS IN THE GRAIN	Phillips, B.
TM 2E15M	8 May 61	IBM 1620 COMPUTER PROGRAM FOR SKIN FRICTION COEFFICIENT	Marks, A.
TM 2E16M	12 Jul 61	PRELIMINARY ARPAT TARGET MISSILE CONFIGURATION STUDIES	Powell, R.
TM 2E16M-2	18 Sep 61	ARPAT TARGET CONFIGURATION STUDIES	Morrow, M. Lilly, J.
TM 2E17M	26 Oct 61	PRELIMINARY DESCRIPTION OF SOVIET ICBM 1965-1970	
TN 2B1N	7 Nov 61	UTILIZATION OF THE PHOTOGRAPHIC METHOD FOR DETERMINING BODY DIMENSIONS OF THE 95th PERCENTILE ARCTIC CLOTHED SOLDIER	Chaillet, R.
TN 2E2N	10 Jan 61	TRAJECTORIES OF TACTICAL VERSIONS OF VARIOUS BALLISTIC MISSILES	Craft, J.
TN 2E3N	9 Jan 61	TECHNICAL FEASIBILITY STUDY FOR MISSILE RECOVERY SYSTEM - HAWK MISSILE	
TN 2E4N	16 Jan 61	COST COMPARISON OF RECOVERABLE AND NON-RECOVERABLE TRAINING MISSILE PROGRAMS - HAWK	
TN 2E5N	21 Apr 61	ARGMA COMPILATION OF FABMDS ECM AND DECOY THREAT	Johnston, S. Carson, A.
TN 2E6N	6 Apr 61	NIKE-HERCULES SURFACE-TO-SURFACE MODE TRAJECTORIES	Adams, C. Young, J.
TN 2E7N	27 Apr 61	FABMDS POSTULATED THREAT FLIGHT CHARACTERISTICS - STANDARD TRAJECTORIES	
TN 2E7N, Pt 2	12 Jun 61	FABMDS POSTULATED THREAT FLIGHT CHARACTERISTICS - STANDARD TRAJECTORIES PART II	Johnston, S. Boothe, R.
TN 2E8N, Pt 1	16 May 61	SYNTHETIC NONOPTIMUM TRAJECTORIES FOR THE FABMDS POSTULATED THREATS - PART I	Johnston, S.
TN 2E8N, Pt 2	16 May 61	SYNTHETIC NONOPTIMUM TRAJECTORIES FOR THE FABMDS POSTULATED THREATS - PART II	Johnston, S.
TN 2E8N, Pt 3	12 Jun 61	SYNTHETIC NONOPTIMUM TRAJECTORIES FOR THE FABMDS POSTULATED THREATS - PART III	Johnston, S.
TN 2E9N	26 May 61	MAIN ROUTINE TWO DIMENSIONAL DECK FOR IBM 7090 DIGITAL COMPUTER	Adams, C.
TN 2E10N	1 Aug 61	FEASIBILITY STUDY OF SHORT RANGE HOMING MISSILE	
TN 2E11N	15 Sep 61	FLOW TRANSITION STUDIES	Schultis, W.
TN 2H1N-28	1 Mar 61	RESEARCH LABORATORY QUARTERLY RESEARCH REVIEW NO. 28	
TN 2H1N-29	1 Aug 61	RESEARCH LABORATORY QUARTERLY RESEARCH REVIEW NO. 29	

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TN 2H1N-30	1 Nov 61	RESEARCH LABORATORY QUARTERLY RESEARCH REVIEW NO. 30	
TN 2H2N	1 Jul 61	THE ARGMA PLASMA-JET FACILITY	Cason, C. Barr, T. Roberts, T. Hales, W.
TN 2H2R	1 Jul 61	THE ARGMA PLASMA JET FACILITY - A RESUME	Barr, T., et al
TN 2H3N	12 Jun 61	HIGH-ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS	Wharton, W.
TN 2H3N-2	6 Sep 61	HIGH-ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS, II	Wharton, W.
TN 2H5N	25 Oct 61	INTERIM REPORT ON THE DESIGN AND CONSTRUCTION OF THE ARCMA 8,000-KW PLASMA FACILITY	Ehrlich, J. Perkins, J. Cason, C. Barr, T.
TN 2J21-39	14 Feb 61	ENVIRONMENTAL TESTS OF HONEST JOHN JETTISONABLE SHOES	Harbist, E.
TN 2J21-40	4 May 61	STATIC TEST OF EIGHT M7A2B1 SPIN ROCKETS	Huber, C.
TN 2J21-41	25 Jul 61	DETERMINATION OF INTERFERENCE EFFECTS IN XM31E3 HONEST JOHN MOTOR	Huber, C.
TN 2J21-42	25 Jul 61	DETERMINATION OF WATER LEAKAGE INTO THE XM50 MANIFOLD IGNITION SYSTEM	Harbist, E.
TN 2J39-67	8 Feb 61	DETERMINATION OF LAUNCHER TUBE MOTION THROUGH ROCKET TIPOFF FOR THE 115MM RICID MOUNTED BALLISTIC TUBE	Johnson, L.
TN 2J39-68	31 Mar 61	PROJECT TW-201 MONTHLY DATA REPORT FOR OCTOBER 1960	Johnson, L.
TN 2J39-69	31 Mar 61	MONTHLY DATA REPORT FOR THE MONTHS OF NOVEMBER AND DECEMBER 1960	Johnson, L.
TN 2J39-70	9 May 61	MONTHLY DATA REPORT FOR FEBRUARY 1961 - ROUND NOS. 1183 THROUGH 1269	Staelens, P. Johnson, L.
TN 2J39-71	24 Apr 61	MONTHLY DATA REPORT FOR MARCH 1961	Johnson, L.
TN 2J39-72	9 May 61	MONTHLY DATA REPORT FOR APRIL 1961 - YUMA TEST ROUND NOS. 649 THROUGH 722	Johnson, L.
TN 2J39-73	7 Jul 61	MONTHLY DATA REPORT FOR MAY 1961	Johnson, L.
TN 2J39-74	7 Aug 61	MONTHLY DATA REPORT FOR JUNE 1961 ROUND NUMBERS REPORTED: 1340 THROUGH 1388	Johnson, L.
TN 2J39-75	31 Aug 61	MONTHLY DATA REPORT FOR JULY 1961 (ROUNDS 1389- 1425)	Johnson, L.
TN 2J64-20	7 Feb 61	STATIC TEST OF ONE JATO, XM16E1, AGED FOR FIVE YEARS	Johnson, R.

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TN 2J78-28	17 Jan 61	DYNAMIC TESTS OF ARGMA LITTLEJOHN ROUND NOS. 1 AND 2	Doukakis, H.
TN 2J78-29	22 Jun 61	TEST OF THE PHASE II LITTLEJOHN ELECTRIC HEATING BLANKET	Huber, C.
TN 2J78-30	26 Jul 61	STATIC SPIN TESTS OF THE PHASE II LITTLEJOHN ROCKET ON THE XM-100 PADA LAUNCHER	Roberts, C.
TN 2J78-31	8 Aug 61	THERMAL SHOCK TEST (XM26E1 MOTORS)	Huber, C.
TN 2J95-22	7 Mar 61	STATIC TESTS OF TWELVE XM30 ROCKET MOTORS	Woodson, L.
TN 2J145-70	17 Jan 61	STATIC TEST OF ONE PERSHING "XB" SYSTEM SECOND STAGE MOTOR (MOTOR NO. 18XB2)	Small, H.
TN 2J145-74	9 Jan 61	STATIC TEST OF PERSHINC "XB" SYSTEM STAGE I MOTOR NO. 37XB1	Hanks, C. Batson, J.
TN 2J145-75	17 Jan 61	STATIC TEST OF ONE PERSHINC "XB" SYSTEM STAGE I MOTOR - MOTOR NO. 26XB1	Batson, J. Hanks, C.
TN 2J145-76	26 Jan 61	PERSHING MONTHLY TEST REPORT FOR NOVEMBER 1960	Batson, J. Hanks, C.
TN 2J145-77	9 Feb 61	PERSHINC MONTHLY DATA REPORT FOR DECEMBER 1960	Batson, J. Nelson, R.
TN 2J145-78	7 Mar 61	PERSHING MONTHLY DATA REPORT FOR JANUARY 1961	Farris, T. Nelson, R.
TN 2J145-79	5 Apr 61	PERSHING MONTHLY DATA REPORT FOR FEBRUARY 1961	Batson, J.
TN 2J145-80	20 Apr 61	PERSHING MONTHLY DATA REPORT FOR MARCH 1961	Tailleur, D.
TN 2J145-81	14 Jun 61	PERSHING MONTHLY DATA REPORT FOR APRIL 1961	Tailleur, D. Batson, J. Hanks, C.
TN 2J145-82	26 Jun 61	PERSHING MONTHLY DATA REPORT FOR MAY 1961	Tailleur, D.
TN 2J145-83	14 Jul 61	PERSHING MONTHLY DATA REPORT FOR JUNE 1961	Tailleur, D.
TN 2J145-84	30 Aug 61	PERSHING MONTHLY DATA REPORT FOR JULY 1961	Tailleur, D.
TN 2J145-85	21 Dec 61	PERSHING MONTHLY DATA REPORT FOR OCTOBER 1961	Tailleur, D.
TN 2J146-15	5 Jan 61	COLD WEATHER AND ROAD TESTS OF BALL NUT AND SCREW ELEVATING ASSEMBLY FOR THE M386 HONEST JOHN LAUNCHER	Stark, R. Huber, C.
TN 2J147-23	4 Jan 61	STATIC TEST OF A NIKE ZEUS, STAGE II MOTOR	Langston, R.
TN 2J147-24	7 Feb 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Johnson, R.
TN 2J147-25	29 Mar 61	STATIC TEST OF ONE NIKE ZEUS BOOSTER MOTOR	Johnson, R.
TN 2J147-26	14 Apr 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Johnson, R.
TN 2J147-27	10 May 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Johnson, R.

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TN 2J147-28	6 Jun 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Johnson, R.
TN 2J147-29	2 Aug 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Davis, G.
TN 2J147-30	28 Sep 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Tailleur, D. Davis, G.
TN 2J147-31	21 Dec 61	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR	Tailleur, D.
TN 2J147-32	22 Nov 61	ENVIRONMENTAL RESEARCH PROGRAM PLAN FOR NIKE ZEUS	Storey, B. McCombs, G.
TN 2J152-19	7 Feb 61	STATIC DROP TESTS OF LITTLEJOHN SHIPPING CONTAINER	Harbist, E.
TN 2J152-20	27 Feb 61	COLD WEATHER TESTS OF THE MAST FOR THE AN/PMQ-6 WIND SET	Stark, R.
TN 2J152-21	11 Apr 61	SERVICE TESTS OF THE PHASE II LITTLEJOHN WEAPON SYSTEM	Stark, R. Roberts, C. Harwell, V.
TN 2J152-22	27 Mar 61	LITTLEJOHN DIRECTIONAL CONTROL SYSTEM FRONT SHOE EJECTION AND STRUCTURAL ADEQUACY TEST	Harbist, E.
TN 2J157-9	26 Sep 61	ENVIRONMENTAL TESTS OF THE ENTAC GROUND GUIDANCE EQUIPMENT	Johnson, L. Farris, T.
TN 2J157-10	10 Jul 61	DYNAMIC FIRING TEST OF ENVIRONMENTALLY TREATED ENTAC ANTITANK GUIDED MISSILES FROM THE M38A1 JEEP	
TN 2J157-11	15 Sep 61	MANEUVERABILITY TESTS OF THE FRENCH ENTAC ANTITANK GUIDED MISSILE	Johnson, L.
TN 2J157-12	14 Dec 61	SUMMARY OF RESULTS (PHASE I) ORDNANCE CORPS EVALUATION TESTING OF THE FRENCH ENTAC ANTITANK GUIDED MISSILE SYSTEM	Johnson, L.
TN 2J157-13	13 Jul 61	DYNAMIC FIRING TESTS OF THE ENTAC ANTITANK GUIDED MISSILE TO DETERMINE FEASIBILITY OF LAUNCH WITH AN INITIAL VELOCITY	Farris, T.
TN 2J159-8	5 Apr 61	U. S. ARMY ORDNANCE CORPS ENGINEERING TEST OF THE FRENCH SS-11 ANTITANK GUIDED MISSILE SYSTEM	
TN 2J159-14	12 Oct 61	DYNAMIC TESTING OF THE FRENCH SS-11 ANTITANK GUIDED MISSILE MODIFIED WITH THE A-2 BOOSTER AND ENVIRONMENTAL TESTING OF THE NEW SS-11 SHELL TYPE TRANSPORTATION CONTAINER	Bauer, D. Johnson, L.
TN 2J159-15	28 Nov 61	TEST PLAN FOR ENVIRONMENTAL TESTS OF HU-1B/SS-11 BOOM INSTALLATION	Gresham, J. Collison, H.
TN 2J160-17	10 Jan 61	COLD WEATHER TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Stark, R.
TN 2J160-18	31 May 61	THE LIGHT ANTITANK WEAPON (LAW) SYSTEM MONTHLY TEST REPORT, DECEMBER 1960 AND JANUARY 1961	McGregor, P.
TN 2J160-19	27 Feb 61	TEST PLAN FOR AERIAL DELIVERY TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Stark, R.



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TN 2J160-21	26 May 61	MONTHLY DATA REPORT OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM FOR FEBRUARY AND MARCH 1961	McGregor, P.
TN 2J160-22	19 May 61	MONTHLY DATA REPORT FOR THE LIGHT ANTITANK WEAPON (LAW) SYSTEM FOR APRIL 1961	McGregor, P.
TN 2J160-23	25 Jul 61	MONTHLY DATA REPORT FOR THE LIGHT ANTITANK WEAPON (LAW) SYSTEM FOR MAY 1961	McGregor, P.
TN 2J160-24	28 Jul 61	AERIAL DELIVERY AND FIRING OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	Stark, R.
TN 2J160-25	8 Nov 61	TESTING OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM FROM 24 MAY THROUGH NOVEMBER 1960	McGregor, P.
TN 2J160-26	14 Sep 61	COMPOSITE TEST PLAN FOR THE DESERT ENGINEERING SERVICE TEST OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 2J160-27	11 Oct 61	TROPIC SEQUENTIAL ENVIRONMENTAL RETEST OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 2J162-8	5 Apr 61	STRUCTURAL INTEGRITY TESTS OF MISSILE A BOOSTER CLUSTER HARNESS	Staggs, M. Woodson, L.
TN 2J162-9	28 Mar 61	MISSILE "A" DATA REPORT FOR DECEMBER 1960 AND JANUARY 1961	Woodson, L. Staggs, M.
TN 2J162-10	8 May 61	MISSILE A TWO-MOTOR SPIN AND STATIC FIRING TEST	Roberson, C. Staggs, M.
TN 2J162-11	25 Apr 61	DYNAMIC FIRING OF MISSILE A FREE ROCKET - ROUND NO. B1	Staggs, M.
TN 2J162-12	4 May 61	MISSILE A SELF-DESTRUCTION SYSTEM TESTS	Henley, J.
TN 2J162-13	22 May 61	MISSILE A DATA REPORT FOR FEBRUARY 1961	Staggs, M. Roberson, C.
TN 2J162-14	22 Jun 61	MONTHLY DATA REPORT FOR MARCH 1961 - MISSILE A COMPONENT DEVELOPMENT PROGRAM	Staggs, M. Roberts, C.
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TN 2J162-17	31 Jul 61	MISSILE A DATA REPORT FOR MAY 1961 - COMPONENT DEVELOPMENT PROGRAM	Staggs, M.
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TN 2J162-19	31 Jul 61	MISSILE A DATA REPORT FOR JUNE 1961	Staggs, M.
TN 2J164-8	5 Jan 61	ENGINEERING TESTS OF ROCKET MOTOR XM22E8, STATIC PHASE	Johnson, D. Peace, F.
TN 2J164-9	21 Feb 61	ENGINEERING TESTS OF ROCKET MOTOR XM22E7, STATIC PHASE, PART II	Johnson, D. Peace, F.

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TN 2J164-10	23 Feb 61	ENGINEERING TESTS OF ROCKET MOTOR XM22E8, MOD VII, STATIC PHASE (SNOWBIRD)	Johnson, D. Peace, F.
TN 2J164-11	24 Apr 61	ENGINEERING TESTS OF ROCKET MOTOR XM22E8, MOD VIII, STATIC PHASE, PART I	Peace, F.
TN 2J164-12	6 Oct 61	ENGINEERING TESTS OF ROCKET MOTOR XM22E8, MOD VIII, STATIC PHASE, PART II	Peace, F. Small, H.
TN 2J165-9	24 Mar 61	SATURN LINE VIBRATION TEST NO. TWO: GOX LINE ASSEMBLY, 1.5-INCH DIAMETER, INBOARD ENGINE - DRAWING NO. 10413871	Garrard, P.
TN 2J165-10	24 Mar 61	SATURN LINE VIBRATION TEST NO. THREE: GOX LINE ASSEMBLY, 1.5-INCH DIAMETER, OUTBOARD ENGINE - DRAWING NO. 10413897	Garrard, P.
TN 2J165-11	24 Mar 61	SATURN LINE VIBRATION TEST NO. FOUR: LOX VENT ASSEMBLY, SEVEN-INCH DIAMETER DRAWING NO. 10413876	Garrard, P.
TN 2J165-12	9 May 61	SATURN ACTUATOR VIBRATION TESTS	Garrard, P.
TN 2J165-13	28 Jul 61	SATURN LINE VIBRATION TEST NO. FIVE: GOX LINE ASSEMBLY, 1.5-INCH DIAMETER - DRAWING NO. 10413486	Garrard, P.
TN 2J165-14	11 Aug 61	SATURN LINE VIBRATION TEST NO. SIX: GOX LINE ASSEMBLY, 1.5-INCH DIAMETER, INBOARD ENGINE - ASSEMBLY NO. 10413459	Edwards, E.
TN 2J165-15	13 Oct 61	SATURN LINE VIBRATION TEST NO. 7: LOX SUCTION LINE - DRAWING NO. 10413049	Garrard, P.
TN 2J172-3	22 Jun 61	DYNAMIC FIRING TEST OF THE AUTOSPIN CONCEPT	Stark, R.
TN 2J172-4	15 Sep 61	PROJECT TW-205 MONTHLY DATA REPORT FOR JULY 1961 ASORT ROUND NOS. 1 THROUGH 4 AUTOSPIN ROUND NOS. 13 THROUGH 18	Stark, R.
TN 2J172-5	22 Sep 61	STATIC TESTS OF M-8 JATO BOTTLE	Stark, R.
TN 2J176-1	22 Nov 61	PROJECT AVWS PERFORMANCE TEST OF THE 38MM AUTOMATIC ROCKET LAUNCHER WEAPON SYSTEM, T132E2	Stagga, M. Johnson, L.
TN 2J177-2	27 Oct 61	SLED TEST OF MAULER MOTOR TO DETERMINE EFFECTS OF HIGH "G" LOADS ON MOTOR PERFORMANCE	Horn, W.
TN 2J178-1	27 Jan 61	TESTING OF THE FRENCH SS-10 ANTITANK GUIDED MISSILE TO DETERMINE CAUSES OF REPORTED MALFUNCTIONS	Gresham, J.
TN 2J178-2	24 May 61	TESTING OF THE FRENCH SS-10 ANTITANK GUIDED MISSILE TO DETERMINE SERVICEABILITY OF AMMUNITION LOTS 52 AND 53	Nelson, R.
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TN 2J180-1	14 Apr 61	STATIC TEST OF ONE XM33-ES ROCKET MOTOR - TEST NO. 1	Forster, M.

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TN 2J181-1	31 May 61	SAFETY TEST CRITERIA FOR THE NIKE ZEUS PROPULSION UNIT	Woodson, L.
TN 2J182-1	7 Jul 61	MERCURY-REDSTONE GUIDANCE PACKAGE VIBRATION TEST	Garrard, P.
TN 2J183-1	7 Jul 61	COMMAND LINK ANTITANK TEST ROCKET	Huber, C.
TN 2J184-1	11 Jul 61	STATIC TEST OF TWO APACHE ROCKET MOTORS	Davis, G.
TN 2J185-1	18 Jul 61	ENVIRONMENTAL TESTS OF TWO SHILLELAGH GUIDED MISSILE CONCEPT CONTAINERS	Hodges, B.
TN 2J185-2	16 Nov 61	STATIC FIRING TESTS OF ENVIRONMENTALLY TREATED SHILLELAGH XM44 WARHEADS	Wahlheim, W.
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TN 2J188-1	7 Sep 61	PROJECT AAW MONTHLY DATA REPORT FOR JULY 1961	Stark, R.
TN 2J188-2	26 Oct 61	PROJECT AAW MONTHLY DATA REPORT FOR SEPTEMBER 1961	Stark, R.
TN 2J189-1	19 Sep 61	DYNAMIC TESTS OF THE CHAFF DISPERSION ROCKET TO DETERMINE PERFORMANCE CHARACTERISTICS	Horn, W. Roberson, C.
TN 2J190-1	21 Sep 61	BATTLEFIELD ILLUMINATING SYSTEM PRELIMINARY ENGINEERING DESIGN TEST	Huber, C.
TN 2J190-2	6 Dec 61	BATTLEFIELD ILLUMINATING SYSTEM PRELIMINARY ENGINEERING DESIGN TEST	Huber, C.
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TN 2B1R	15 Sep 61	RELIABILITY OF COMPLIANCE WITH ONE-SIDED SPECIFICATIONS LIMITS WHEN DATA IS NORMALLY DISTRIBUTED	Bombara, E.
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\* On 1 August 62, the designation of the Command was changed from "U. S. Army Ordnance Missile Command" to "U. S. Army Missile Command."

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RK-TN-62-2	15 May 62	MINUTES OF THE THIRD ANNUAL REVIEW OF ROCKET PROPELLANT SUPPORTING RESEARCH	
RK-TN-62-3	19 Mar 62	PRELIMINARY DESIGN OF A STORABLE PREPACKAGED LIQUID PROPULSION SYSTEM FOR DC/AM MISSILE B	Wright, J. Brown, J.
RK-TR-62-1	Mar 62	QUARTERLY REPORT - PROPULSION LABORATORY	
RK-TR-62-2	15 Jul 62	QUARTERLY REPORT - PROPULSION LABORATORY	
RK-TR-62-3	15 Jun 62	REQUISITES FOR WORLD-WIDE STORING AND OPERATING ARMY ROCKETS	Stokes, A. Jorgensen, L.
RK-TR-62-4	1 Sep 62	QUARTERLY REPORT - PROPULSION LABORATORY	
RK-TR-62-5	18 Oct 62	MOTOR CASE FABRICATION TECHNIQUES AND APPLICATIONS	Sayles, D.
RK-TR-62-6	24 Oct 62	DEVELOPMENT AND FUNCTIONAL CHARACTERISTICS OF THE XM8 SQUIB	Betts, R. Williams, W.
RK-TR-62-7	15 Oct 62	A SIMPLIFIED METHOD OF READING INSTRON TRACES AND CALCULATING PHYSICAL PROPERTY DATA	
RK-TR-62-8	13 Sep 62	THERMAL ANALYSIS OF A NOZZLE EXIT CONE	Whitehurst, D. Travis, L.
RK-TR-62-9	15 Nov 62	2.75 INCH FOLDING FIN AIRCRAFT ROCKET (FFAR) MOTOR PERFORMANCE RESEARCH PHASE I AIRCRAFT ARMAMENT PROGRAM	Stokes, A.
RK-TR-62-10	26 Nov 62	SAFETY CONSIDERATIONS WITH ELECTROEXPLOSIVE DEVICES	Betts, R.
RK-TR-62-11	Dec 62	QUARTERLY REPORT - PROPULSION LABORATORY	
RK-TR-62-12	Nov 62	OPERATING LIMITS FOR VARIOUS SOLID PROPELLANT ZONING TECHNIQUES	
RL-TM-62-1	2 May 62	NIKE ZEUS POWER PLANT EVALUATION	Langley, W.
RL-TM-62-1	8 Jun 62	AN/TRC-80 PERSHING RADIO TERMINAL SET-YHC-1B HELICOPTER COMPATIBILITY DESIGN VERIFICATION	Morris, J.
RL-TM-62-2	14 Mar 62	REPORT ON LITTLEJOHN ROCKET MOTOR CONTAINER M-455	Wade, J.
RL-TM-62-3	28 May 62	ACCEPTANCE TESTS 2.75 INCH FFAR ARMAMENT SUBSYSTEM FOR H-34 HELICOPTER	Blackledge, W.
RL-TM-62-4	5 Jun 62	PROBLEM AREAS IN HARDSITE MISSILE LAUNCHING	Johnson, W.
RL-TM-62-5	11 Jun 62	TECHNICAL REQUIREMENTS (IN LIEU OF MC) FOR EQUIPPING H-34 HELICOPTER WITH 2.75-INCH FFAR ARMAMENT	Blackledge, W.
RL-TM-62-6	1 Jul 62	TECH REQUIREMENTS ARM SUB SUP HELICOPTER, 2.75-INCH FFAR ROCKET LAUNCHER XN-3	Blackledge, W.
RL-TM-62-7	9 Jul 62	NIKE ZEUS AUXILIARY EQUIPMENT WHITE SANDS MISSILE RANGE	
RL-TM-62-8	2 Nov 62	REPORT ON MISSILE B CONTAINER	Wade, J.

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RL-TM-62-9	21 Nov 62	REPORT ON MISSILE B METHODS OF HANDLING TASK ASSIGNMENT B-20, 2b	Teal, P.
RL-TM-62-10	21 Nov 62	EFFECTS OF MISSILE EXHAUST	Conn, D.
RL-TM-62-11	21 Nov 62	MATHEMATICAL LAUNCHER MODELS FOR PARAMETRIC STUDIES ASSOCIATED WITH MISSILE B LAUNCHER DESIGN STUDIES	Ewing, S. Christensen, D.
RL-TM-62-12	20 Nov 62	COMPARISON TOP AND BOTTOM RAIL LAUNCHING CONCEPT AS APPLIED TO AMC VERSUS CHRYSLER AND LVT PROPOSALS FOR MISSILE B	Cornelison, C.
RL-TM-62-13	19 Nov 62	TEST REQUIREMENTS - 2.75-INCH FFAR ARMAMENT SUBSYSTEM UH-1B (HU-1B) HELICOPTER	Blackledge, W.
RL-TM-62-14	15 Dec 62	STUDY OF ENVIRONMENTS AT THE ZMAR POWER PLANT RESULTING FROM NUCLEAR WEAPONS	Langley, W. et al
RL-TM-62-15	7 Dec 62	FREE ROCKET OPERATIONAL IMPROVEMENT STUDY ON AIMING	Comus, N.
RL-TM-62-16	10 Dec 62	TEST REQUIREMENTS - 2.75-INCH ARMAMENT SUBSYSTEM CH-34 HELICOPTER	Blackledge, W.
RL-TM-62-17	28 Jan 62	PROOF OF DESIGN TEST REQUIREMENTS ARMAMENT SUBSYSTEM, HELICOPTER 2.75-INCH ROCKET LAUNCHER: XM3-FIXED	Blackledge, W.
RL-TN-62-1	1 Jul 62	INITIAL EFFORT OF EQUIPPING THE H-34 HELICOPTER WITH THE 2.75-INCH FFAR ROCKET	Blackledge, W.
RL-TN-62-2	10 Aug 62	TEST AND CHECKOUT EFFECTIVENESS STUDY	Barron, T.
RL-TN-62-3	1 Nov 62	COMPILATION OF MISSILE ACCURACY DEVELOPMENTS	Newby, W.
RL-TR-62-1	2 May 62	NIKE ZEUS POWER PLANT EVALUATION	Langley, W.
RL-TR-62-3	23 Oct 62	REPORT ON MISSILE B CONTAINER	Wade, J.
RL-TR-62-4	1962	MATHEMATICAL LAUNCHER MODELS FOR PARAMETRIC STUDIES ASSOCIATED WITH MISSILE B LAUNCHER DESIGN STUDIES	
RL-TR-62-5	3 Dec 62	STUDY OF ENVIRONMENT AT THE ZMAR POWER PLANT RESULTING FROM NUCLEAR WEAPON DETONATIONS	Langley, W. et al
RL-TR-62-9	28 Dec 62	DESIGN CRITERIA FOR ZMAR HARDENED POWER PLANT	Langley, W.
RM-TR-62-1	21 Mar 62	THE EFFECTS OF RADAR ON THE HUMAN BODY	Turner, J.
RN-TR-62-1	31 Dec 62	PRELIMINARY FINAL REPORT - PROJECT HELMET	
RR-TM-62-1	16 Apr 62	THE INFLUENCE OF THE PNEUMATIC LAC IN MISSILE PLUMBING SYSTEM ON THE MEASURED STATIC AND PITOT PRESSURE	Varnedoe, L.
RR-TM-62-2	2 Jul 62	PRELIMINARY STUDIES OF THE IMPACT OF HYDROMETEORS UPON MISSILES IN FLIGHT	Coetz, O.
RR-TM-62-3	22 Mar 62	ATMOSPHERIC ENVIRONMENT FOR PERSHINC MISSILE 308	Billions, N.

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RR-TM-62-4	8 Jun 62	THE CRYSTAL-VIDEO RADIOMETER	Copeland, J.
RR-TM-62-5	4 Apr 62	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 310	Billions, N.
RR-TM-62-6	25 Jul 62	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 335	Billions, N.
RR-TM-62-7	27 Jul 62	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 328	Billions, N.
RR-TM-62-8	20 Sep 62	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - III	Wharton, W. Connaughton, J. Allan, B. Croomes, E. Eng, H. Cain, J.
RR-TM-62-9	20 Sep 62	HIGH ENERGY PROPELLANTS FROM NITROGEN-FLUORINE COMPOUNDS - IV	Wharton, W.
RR-TM-62-10	24 Oct 62	WIND, WIND-SHEAR AND TURBULENCE REPRESENTATION FOR ATMOSPHERIC BALLISTICS	Essenwanger, O.
RR-TM-62-11	26 Sep 62	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 338	Billions, N.
RR-TM-62-12	22 Oct 62	ATMOSPHERIC ENVIRONMENT FOR PERSHING MISSILE 347	Billions, N.
RR-TN-62-1	5 Jul 62	REFLECTION OF ELECTROMAGNETIC RADIATION FROM A HOT ATMOSPHERE AT ALTITUDES 0 TO 500 KILOMETERS	Clapp, R. Shatas, R. Howgate, D.
RR-TN-62-2	1 Dec 62	PLASMA DISPERSION THEORY	Clapp, R.
RR-TR-62-1	10 Apr 62	NEUTRONS PARTIAL CROSS SECTION STUDIES	Koehler, D. Alford, W.
RR-TR-62-1	16 Apr 62	THE INFLUENCE OF THE PNEUMATIC LAG IN MISSILE ON THE MEASURED STATIC AND PITOT PRESSURE	Varnedoe, L.
RR-TR-62-3	14 May 62	A STUDY OF OXYGEN-WATER VAPOR MIXTURES UNDER RF EXCITATION BY ELECTRON-PARAMAGNETIC RESONANCE TECHNIQUES	Howgate, D.
RR-TR-62-5	29 Jun 62	MECHANICAL BEHAVIOR OF STRUCTURAL MATERIALS UNDER GENERAL STRESS AND RAPID HEATING CONDITIONS	Austin, C.
RR-TR-62-6	15 Aug 62	ON THE DIVISION OF THE ATMOSPHERE INTO LAYERS FOR DENSITY CALCULATIONS IN ATMOSPHERIC BALLISTICS	Essenwanger, O. Dudel, H.
RR-TR-62-7	8 Nov 62	MATERIAL OPTIMIZATION FOR LIQUID PROPULSION SYSTEMS	Steverding, B.
RR-TR-62-8	23 Oct 62	RADIATIVE TRANSITION PROBABILITIES AND ABSORPTION OSCILLATOR STRENGTHS FOR THE ALKALI-LIKE IONS OF THE ALKALINE EARTHS AND THE CALCIUM I	Roberts, T. Hales, W.
RR-TR-62-9	31 Dec 62	HIGH ENERGY PROPELLANTS FROM NITROGEN FLUORINE COMPOUNDS, PART V	Wharton, W.
RR-TR-62-10	12 Dec 62	TRANSMISSION OF INFORMATION THROUGH AN ARTIFICIALLY IONIZED ATMOSPHERE	Shatas, R. et al
RS-TN-61-6	13 Nov 62	LITTLEJOHN STEEL NOZZLE THERMAL ANALYSIS	Burleson, W. Eppes, R.

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RS-TN-62-1	9 Feb 62	PRELIMINARY AERODYNAMIC HEATING ANALYSIS FOR A PERSHING 1-3/4 MISSILE	Burleson, W. Letson, K. Eppes, R.
RS-TN-62-3	15 May 62	FLIGHT MECHANICS INVESTIGATION FOR HARDSITE	Johnson, F.
RS-TN-62-5	24 Sep 62	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR SEVERAL HYPERSONIC RE-ENTRY TEST VEHICLES SURVIVING TO 100,000 FEET	Burleson, W. Booker, D. Eppes, R.
RS-TN-62-6	11 Sep 62	THERMAL ANALYSIS OF A PERSHING XB-1 MOTOR SUBJECTED TO A COLD ENVIRONMENT	Burleson, W. Eppes, R. Kavanaugh, B. Sparks, W.
RS-TN-62-8	12 Jun 62	REDHEAD-ROADRUNNER PROGRAM REVIEW	Crenshaw, J.
RS-TN-62-9	22 Oct 62	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR A SEA-LEVEL HYPERVELOCITY ANTITANK VEHICLE	Eppes, R. Smith, S.
RS-TN-62-10	Nov 62	TORQUE REQUIREMENTS FOR AN INFLIGHT SPIN MECHANISM FOR A PRESCRIBED MISSILE ROTATIONAL VELOCITY	Bennett, J.
RS-TR-62-2	31 Dec 62	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR SEVERAL HYPERSONIC RE-ENTRY TEST VEHICLES SURVIVING TO 100,000 FEET	Burleson, W. Booker, D. Eppes, R.
RS-TR-62-3	27 Nov 62	THERMAL ANALYSIS OF A PERSHING XB-1 MOTOR SUBJECTED TO A COLD ENVIRONMENT	Burleson, W. Eppes, R. Kavanaugh, B. Sparks, W.
RS-TR-62-5	6 Nov 62	SOME PRELIMINARY AERODYNAMIC HEATING CONSIDERATIONS FOR A SEA LEVEL HYPERVELOCITY ANTITANK VEHICLE	Eppes, R. Smith, S.
RS-TR-62-6	12 Nov 62	TORQUE REQUIREMENTS OF AN IN-FLIGHT SPIN MECHANISM FOR A PRESCRIBED MISSILE ROTATIONAL VELOCITY	Bennett, J. Letson, K. Wilkerson, O.
RS-TR-62-8	12 Jun 62	REDHEAD-ROADRUNNER PROGRAM REVIEW	Crenshaw, J.
RT-P-62-1	29 Oct 62	INFRARED COMMAND (ICU) PROGRESS REPORT	Harp, J. Tailleur, D.
RT-S-62-1	25 Jul 62	PERSHING GUIDED MISSILE TRAINER (XT14) ENVIRONMENTAL TEST PLAN	Batson, J.
RT-S-62-2	1 Jul 62	EXPERIMENTAL ARPAT INTERCEPTOR TARGET VEHICLE	Bauer, D.
RT-TM-62-4	26 Jan 62	PERSHING CAPTIVE TEST 303E	Shackelford, B.
RT-TM-62-5	26 Jan 62	THE RESULTS OF A TEST USING PERSHING GROUP III SECOND STAGE COMPONENTS IN AN ALTITUDE SIMULATOR	
RT-TM-62-6	26 Jan 62	RESULTS OF THE PERSHING JET VANE AERODYNAMIC AND MATERIALS TEST CONDUCTED IN THE EXHAUST OF MOTOR 45XB1	
RT-TM-62-7	26 Jan 62	RESULTS OF THE PERSHING JET VANE TESTS CONDUCTED IN THE EXHAUSTS OF MOTORS 36XB1 AND 27XB2	

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RT-TM-62-8	26 Jan 62	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 42YB2	
RT-TM-62-9	26 Jan 62	RESULTS OF A PERSHING JET VANE TEST IN AN ALTITUDE SIMULATOR	
RT-TM-62-11	6 Jun 62	STATIC TESTS OF ELEVEN AGED XM30 ROCKET MOTORS	Massarotti, R. Peace, F.
RT-TM-62-12	18 Jun 62	TEST PLAN FOR PERSHING MISSILE 401 CAPTIVE TEST FIRINGS "A" THROUGH "H"	Harsh, M.
RT-TM-62-13	6 Jun 62	SYMPATHETIC DETONATION TESTING OF SIMULATED NIKE ZEUS LAUNCH COMPLEX	Hamlett, R. Ketchum, W.
RT-TM-62-14	22 Jun 62	SS-11 CONFIRMATORY MISSILE TEST FIRING FROM HU-1 HELICOPTER	Collison, H.
RT-TM-62-15	18 Jul 62	DEVELOPMENT TESTING OF THE PHASE I ARMAMENT SUBSYSTEM HELICOPTER, 2.75-INCH ROCKET LAUNCHER XM3	Rutledge, W. Sanders, M.
RT-TM-62-16	26 Jul 62	DEVELOPMENT OF NEW RADIO-FREQUENCY ATTENUATION DEVICES	Tailleur, D. Langston, R.
RT-TM-62-17	11 Jul 62	EXTENDED LOW-TEMPERATURE STORAGE AND STATIC TESTING OF TEN XM10E1 LACROSSE ROCKET MOTORS	Peace, F. Massarotti, R.
RT-TM-62-18	19 Jun 62	DYNAMIC SLED TESTS TO DETERMINE THE SENSITIVITY OF THE SHILLELAGH MISSILE FUZE	Walheim, W.
RT-TM-62-19	27 Jul 62	DETERMINATION OF VELOCITY AND DISTRIBUTION OF DEBRIS FROM THE 2.75-INCH FPAR	Kaiser, R.
RT-TM-62-20	23 Jul 62	PERSHING MONTHLY DATA REPORT FOR MARCH 1962	Mundie, C. Chandler, A.
RT-TM-62-21	28 Jun 62	DYNAMIC FIRING OF UNCONVENTIONAL WARFARE MISSILE	Kaiser, R.
RT-TM-62-22	17 Aug 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 1	Ketchum, W.
RT-TM-62-23	20 Aug 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 2	Ketchum, W.
RT-TM-62-24	21 Aug 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 3	Ketchum, W.
RT-TM-62-25	1 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 4	Ketchum, W.
RT-TM-62-26	2 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 5	Ketchum, W.
RT-TM-62-27	3 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 6	Ketchum, W.
RT-TM-62-28	4 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 7	Ketchum, W.
RT-TM-62-29	10 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE III MOTOR - ROUND NO. 8	Ketchum, W.

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RT-TM-62-30	26 Jul 62	STATIC TEST OF ONE XM33E2 ROCKET MOTOR - TEST NO. 3	Massarotti, R. Peace, F.
RT-TM-62-31	27 Jul 62	STATIC AND DYNAMIC FIRING OF 2.75-INCH FOLDING FIN AIRCRAFT ROCKET WITH CRIMPED NOZZLES	Kaiser, R.
RT-TM-62-33	Jul 62	PERSHING MONTHLY DATA REPORT FOR APRIL 1962	Kanaan, M. Chandler, A.
RT-TM-62-34	12 Sep 62	ENGINEERING TESTS (PROPELLANT EMBRITTLEMENT STUDIES) OF HAWK ROCKET MOTOR XM22E8, STATIC PHASE	Peace, F. Massarotti, R.
RT-TM-62-35	23 Oct 62	PERSHING WARHEAD WOBBLE PROGRAM	Wright, O. Chandler, A.
RT-TM-62-36	18 Sep 62	SERGEANT NEIDHART SUSPENSION SYSTEM WINTERIZATION KIT TEST	Nicholson, W. Lawson, H.
RT-TM-62-37	3 Oct 62	LOW TEMPERATURE SMOKE TUNNEL TESTS OF THE SHILLELAGH GAS GENERATOR	Gresham, J.
RT-TM-62-38	15 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE I MOTOR - ROUND NO. 52	Ketchum, W.
RT-TM-62-39	23 Oct 62	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR - ROUND 11	Ketchum, W.
RT-TM-62-40	15 Aug 62	PERSHING MONTHLY DATA REPORT FOR JUNE 1962 - CYLINDRICAL CORE MOTORS	Bissinger, J.
RT-TM-62-41	6 Nov 62	LITTLE JOHN ELECTRIC HEATING BLANKET COLD TEST	Huber, C.
RT-TM-62-42	2 Nov 62	STATIC TEST OF A NIKE ZEUS STAGE I MOTOR - ROUND NO. 53	Ketchum, W.
RT-TM-62-43	26 Nov 62	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR - ROUND NO. 12	Ketchum, W.
RT-TM-62-45	25 Sep 62	STATIC TESTS OF THREE STAR-CORE PERSHING "XB" SYSTEM SECOND STAGE MOTORS (MOTORS NO. 63AXB2 and 66XB2)	Gassaway, J.
RT-TM-62-46	1 Nov 62	STATIC TESTS OF THREE PERSHING FIRST STAGE STAR-CORE MOTORS (MOTORS NO. 64AXB1, 96XB1, and 76XB1)	Chandler, A.
RT-TM-62-47	27 Nov 62	STATIC TEST OF ONE XM33-E8 (XM82) ROCKET MOTOR - TEST NO. 1	Torres, R.
RT-TM-62-48	7 Nov 62	SERGEANT MISSILE SYSTEM FIRING SET 450-VOLT REGULATOR TEST	Johnson, L.
RT-TN-62-2	16 Apr 62	STATIC TEST OF ONE PERSHING STAGE II MOTOR	Mundie, C.
RT-TN-62-3	17 Apr 62	STATIC TEST OF ONE PERSHING STAGE I MOTOR	
RT-TN-62-4	25 Apr 62	CASE VENTING TEST ON PERSHING MOTOR NO. 86XB2	Wright, O.
RT-TN-62-5	24 Apr 62	STATIC TEST OF ONE PERSHING STAGE I AND STAGE II MOTOR	Mundie, C.
RT-TN-62-6	25 Apr 62	PERSHING WARHEAD SEPARATION TEST WITH ROCKET BOOST AND SPRING EJECTION	Wright, O.

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RT-TN-62-7	27 Apr 62	STATIC TESTING OF REDEYE MOTORS TO DETERMINE EFFECTS OF TORSIONAL SHOCK	Derry, D.
RT-TN-62-8	30 Apr 62	ENVIRONMENTAL TESTS OF SHILLELAGH GUIDED MISSILE SUBSYSTEM SHIPPING CONTAINER	Wahlheim, W.
RT-TN-62-9	1 May 62	STATIC FIRING OF NIKE ZEUS THIRD STAGE MOTOR NO. 48	Ketchum, W.
RT-TN-62-10	4 May 62	STATIC TEST OF ONE ARDE-PORTLAND UNCOOLED NOZZLE (5-SECOND, 5000°F)	Peace, F.
RT-TN-62-11	3 May 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE	Wahlheim, W.
RT-TN-62-12	16 May 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE	Gresham, J. Wahlheim, W.
RT-TN-62-13	16 May 62	ENVIRONMENTAL TESTS OF TWO SHILLELAGH GUIDED MISSILE SUBSYSTEM SHIPPING CONTAINERS	Wahlheim, W.
RT-TN-62-14	16 May 62	TESTING OF THE ICU SYSTEM - ROUNDS 68 THRU 73	Gresham, J.
RT-TN-62-15	17 May 62	STATIC FIRING OF NIKE ZEUS THIRD STAGE MOTOR NO. 32A	Ketchum, W.
RT-TN-62-16	21 May 62	AUTOIGNITION TEST OF ONE XM30 ROCKET MOTOR FIRED AFTER PRECONDITIONING AT 180°F	Massarotti, R. Peace, F.
RT-TN-62-17	22 May 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 8)	Wahlheim, W.
RT-TN-62-18	24 May 62	ENVIRONMENTAL TESTS OF A SHILLELAGH GUIDED MISSILE SHIPPING CONTAINER	Wahlheim, W.
RT-TN-62-19	28 May 62	STATIC TEST OF FIVE XM30 ROCKET MOTORS FIRED AT LOW TEMPERATURE - ROUNDS E6-E10	Peace, F.
RT-TN-62-20	25 May 62	DYNAMIC FIRING OF 2.75-INCH FOLDING FIN AIRCRAFT ROCKET	Kaiser, R.
RT-TN-62-21	29 May 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 9)	Wahlheim, W.
RT-TN-62-22	29 May 62	PERSHING MOTOR 98XB2 - CASE VENT TEST AT 35 SECONDS	Wright, O. Chandler, A.
RT-TN-62-23	31 May 62	DYNAMIC FIRING OF 2.75-INCH FOLDING FIN AIRCRAFT ROCKET	Kaiser, R.
RT-TN-62-24	1 Jun 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 10)	Wahlheim, W.
RT-TN-62-25	4 Jun 62	DYNAMIC FIRING OF UNCONVENTIONAL WARFARE MISSILE	Kaiser, R.
RT-TN-62-26	8 Jun 62	PERSHING MOTOR 101XB2 CASE VENT AT 15 SECONDS	Wright, O. Chandler, A.
RT-TN-62-27	4 Jun 62	ENVIRONMENTAL TESTS OF THREE SHILLELAGH GUIDED MISSILE SUBSYSTEM SHIPPING CONTAINERS	Wahlheim, W.
RT-TN-62-28	7 Jun 62	STATIC TEST OF ONE PERSHING STAGE II (MOTOR NO. 305XB2)	Bissinger, J.
RT-TN-62-29	8 Jun 62	STATIC TEST OF ONE PERSHING STAGE I (MOTOR	Bissinger, J.

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RT-TN-62-30	13 Jun 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 11)	Wahlheim, W.
RT-TN-62-31	15 Jun 62	LOW TEMPERATURE SMOKE TUNNEL TESTS	Gresham, J.
RT-TN-62-32	15 Jun 62	TESTING OF THE ICU SYSTEM - ROUNDS 74-80	Tailleur, D.
RT-TN-62-33	15 Jun 62	DYNAMIC FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34	Kaiser, R.
RT-TN-62-34	15 Jun 62	STATIC FIRING OF NIKE ZEUS FIRST STAGE MOTOR NO. 137	Ketchum, W.
RT-TN-62-35	25 Jun 62	STATIC TEST OF ONE PERSHING STAGE II (MOTOR NO. 304XB2)	Bissinger, J.
RT-TN-62-36	25 Jun 62	DYNAMIC FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34	Kaiser, R.
RT-TN-62-37	27 Jun 62	TESTING OF THE ICU SYSTEM - ROUNDS 81 THRU 90	Tailleur, D.
RT-TN-62-38	2 Jul 62	STATIC TEST OF ONE PERSHING STAGE I MOTOR (NO. 203XB1)	Bissinger, J.
RT-TN-62-39	5 Jul 62	STATIC TEST OF ONE XM33-E2 ROCKET MOTOR	Massarotti, R.
RT-TN-62-40	5 Jul 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE TESTS NOS. 13-16	Wahlheim, W.
RT-TN-62-41	20 Jun 62	ACCURACY FIRINGS OF ALARWS AT FORT RUCKER	Huber, C.
RT-TN-62-42	25 Jun 62	ACCURACY FIRINGS OF ALARWS AT FORT RUCKER	Huber, C.
RT-TN-62-43	6 Jul 62	DYNAMIC FIRING OF THE AUTOSPIN CONCEPT	Kaiser, R.
RT-TN-62-44	9 Jul 62	DYNAMIC FIRING OF 2.75-INCH FFAR TO DETERMINE LAUNCHER FIRING ARMAMENT INSULATION SUITABILITY	Kaiser, R.
RT-TN-62-45	12 Jul 62	STATIC TEST OF ONE ARDE-PORTLAND UNCOOLED NOZZLE	Peace, F. Massarotti, R.
RT-TN-62-46	11 Jul 62	ACCURACY FIRINGS OF ALARWS AT FORT RUCKER	Huber, C.
RT-TN-62-47	11 Jul 62	ACCURACY FIRINGS OF ALARWS AT FORT RUCKER	Huber, C.
RT-TN-62-48	13 Jul 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 17)	Wahlheim, W.
RT-TN-62-49	11 Jul 62	STATIC TEST OF PERSHING MOTOR NO. 64AXB1	Chandler, A. Kanaan, M.
RT-TN-62-50	13 Jul 62	STATIC TEST OF PERSHING MOTOR NO. 63AXB2	Chandler, A. Kanaan, M.
RT-TN-62-51	20 Jun 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NO. 12)	Wahlheim, W.
RT-TN-62-52	3 Aug 62	STATIC TEST OF A PERSHING STAGE II (MOTOR 306XB2 - CYLINDRICAL CORE) AT -10°F	Bissinger, J.
RT-TN-62-53	6 Aug 62	ACCURACY FIRINGS OF ALARWS AT FORT RUCKER	Huber, C. Gassaway, J.



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RT-TN-62-54	6 Aug 62	ACCURACY FIRINGS OF A1ARWS AT FORT RUCKER	Huber, C. Gassaway, J.
RT-TN-62-55	8 Aug 62	STATIC TEST OF A PERSHING FIRST STAGE MOTOR NO. 206XB1	Bissinger, J.
RT-TN-62-56	10 Aug 62	LOW TEMPERATURE VIBRATION TESTS OF A SHILLELAGH GUIDED MISSILE SUBSYSTEM SHIPPING CONTAINER	Wahlheim, W.
RT-TN-62-57	17 Sep 62	SERGEANT GUIDED MISSILE SYSTEM OMTS/FMTS HEATING AND AIR CONDITIONING TEST PROGRAM	Daniel, J. Nicholson, W.
RT-TN-62-58	10 Sep 62	SERGEANT ARTILLERY GUIDED MISSILE SYSTEM OMTS/FMTS AIR CONDITIONING TEST PROGRAM - 125°F PHASE	Daniel, J. Nicholson, W.
RT-TN-62-59	17 Aug 62	LOW FREQUENCY VIBRATION TEST OF REDEYE MOTORS - NOS. 126-130	Jones, R.
RT-TN-62-60	19 Aug 62	STATIC TEST OF PERSHING SECOND STAGE MOTOR NO. 309XB2	Bissinger, J.
RT-TN-62-61	20 Aug 62	STATIC TEST OF PERSHING SECOND STAGE MOTOR NO. 307XB2	Bissinger, J.
RT-TN-62-62	24 Aug 62	STATIC TEST OF A SECOND STAGE PERSHING MOTOR NO. 64XB2 AT +10°F	Chandler, A. Cody, J.
RT-TN-62-63	27 Aug 62	STATIC FIRING OF A NIKE ZEUS FIRST STAGE MOTOR USING PBAA PROPELLANT (ROUND NO. 53)	Ketchum, W.
RT-TN-62-64	29 Aug 62	STATIC TEST OF ONE XM33-E8 (XM-82) ROCKET MOTOR (MOTOR NO. 174)	Massarotti, R. Peace, F.
RT-TN-62-65	30 Aug 62	ACCEPTANCE FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34	Kaiser, R.
RT-TN-62-66	11 Aug 62	SERGEANT GUIDED MISSILE SYSTEM OMTS/FMTS AIR CONDITIONING TEST PROGRAM (-65°F PHASE)	Daniel, J. Nicholson, W.
RT-TN-62-67	4 Sep 62	STATIC TESTING OF SHILLELAGH HOT GAS VALVE (NOS. 20-32)	Wahlheim, W.
RT-TN-62-68	5 Sep 62	H-34 ADAPTER CASTING STRUCTURAL TESTS ENVIRONMENTAL TESTS, PERSHING GUIDED MISSILE TRAINER (XT14)	Kaiser, R. Batson, J. Gassaway, J.
RT-TN-62-69	Sep 62	ENVIRONMENTAL TESTS, PERSHING GUIDED MISSILE TRAINER (XT14)	Batson, J. Gassaway, J.
RT-TN-62-70	6 Sep 62	STATIC FIRING OF NIKE ZEUS SECOND STAGE - ROUND NO. 12	Hamlett, R.
RT-TN-62-71	13 Sep 62	STATIC TEST OF ONE ARDE-PORTLAND UNCOOLED (5-SEC) 5700°F, ROUND NO. 4	Massarotti, R. Peace, F.
RT-TN-62-72	15 Sep 62	STATIC TEST OF FIRST STAGE PERSHING MOTOR NO. 110XB AT 75°F	Chandler, A. Kanaan, M.
RT-TN-62-73	18 Sep 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NOS. 23-29)	Wahlheim, W.
RT-TN-62-74	1 Oct 62	ENVIRONMENTAL TESTS, PERSHING GUIDED MISSILE TRAINER (XT14)	Batson, J. Gassaway, J.

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RT-TN-62-75	21 Sep 62	STATIC TEST OF SECOND STAGE PERSHING MOTOR NO. 62XB2 AT 135 <sup>o</sup> F (STAR DDT PROGRAM)	Cody, J.
RT-TN-62-76	24 Sep 62	STATIC TEST OF PERSHING SECOND STAGE MOTOR NO. 308XB2	Bissinger, J.
RT-TN-62-77	3 Oct 62	STATIC TEST OF A PERSHING FIRST STAGE MOTOR NO. 207XB1 AT 135 <sup>o</sup> F	Bissinger, J.
RT-TN-62-76	10 Oct 62	VERTICAL STATIC AND EJECTION TEST OF THORAD JR. XM-33 BOOSTER MOTOR NO. 207	Tailleur, D.
RT-TN-62-79	11 Oct 62	STATIC TESTING OF THE SHILLELAGH HOT GAS VALVE (TEST NOS. 30 THRU 34)	Wahlheim, W.
RT-TN-62-80	9 Oct 62	STATIC FIRING OF NIKE ZEUS FIRST STAGE MOTOR (ROUND NO. 54)	Ketchum, W.
RT-TN-62-81	15 Oct 62	VERTICAL STATIC AND EJECTION TEST OF THORAD JR. XM-33 BOOSTER MOTOR NO. 208	Torres, R.
RT-TN-62-82	22 Oct 62	ENVIRONMENTAL TESTS ON THE PERSHING GUIDED MISSILE TRAINER (XT14)	Batson, J. Gassaway, J.
RT-TN-62-83	17 Oct 62	ACCEPTANCE FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34	Kaiser, R.
RT-TN-62-84	15 Oct 62	DEMONSTRATION FIRING OF VACUUM LAUNCH TECHNIQUE	Kaiser, R.
RT-TN-62-85	16 Oct 62	VERTICAL STATIC AND EJECTION TEST OF THORAD JR. XM-33 BOOSTER MOTOR NO. 209	Torres, R.
RT-TN-62-86	19 Oct 62	STATIC FIRING OF NIKE ZEUS FIRST STAGE (BOOSTER) ROUND NO. 55 USING HC-PBAA PROPELLANT	Ketchum, W.
RT-TN-62-87	25 Oct 62	STATIC TEST OF FIRST STAGE PERSHING MOTOR NO. 22XB1 AT 75 <sup>o</sup> F	Cody, J.
RT-TN-62-88	30 Oct 62	ACCEPTANCE FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34	Kaiser, R.
RT-TN-62-89	1 Nov 62	STATIC FIRING OF NIKE ZEUS FIRST STAGE (BOOSTER) ROUND NO. 56	Ketchum, W.
RT-TN-62-90	Oct 62	ENVIRONMENTAL TESTS ON THE PERSHING GUIDED MISSILE TRAINER (XT14), 14 Oct thru 26 Oct 62	Gassaway, J.
RT-TN-62-91	23 Nov 62	STATIC FIRING OF NIKE ZEUS SECOND STAGE MOTOR - ROUND NO. 13	Ketchum, W.
RT-TN-62-92	28 Nov 62	ACCEPTANCE FIRING OF HU-1B FROM 1ST ARMORED DIV.	Huber, C.
RT-TN-62-93	17 Dec 62	SHOCK LOAD TESTING OF LAUNCHING STATION PHASE I (AMBIENT CONDITIONING TEMPERATURE)	Johnson, L.
RT-TN-62-94	29 Nov 62	STATIC FIRING OF NIKE ZEUS SECOND STAGE MOTOR, ROUND NO. 14	Ketchum, W.
RT-TN-62-95	1 Dec 62	TEST PLAN FOR TRANSPORTATION VIBRATION OF PERSHING ROCKET MOTORS	Batson, J.
RT-TN-62-96	5 Dec 62	ACCEPTANCE FIRING OF 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34 HELICOPTER	Huber, C.

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RT-TN-62-98	12 Dec 62	STATIC TEST OF PERSHING SECOND STAGE MOTOR 303AXB2 (CYLINDRICAL CORE) AT -35 <sup>o</sup> F	Bissinger, J.
RT-TN-62-99	11 Dec 62	STATIC FIRING OF NIKE ZEUS FIRST STAGE (BOOSTER) ROUND NO. 57	Ketchum, W.
RT-TN-62-102	14 Dec 62	FLIGHT TESTING OF TWO ROHM AND HAAS 8.5 AS31 TEST MOTORS	Ketchum, W.
RT-TN-62-103	26 Dec 62	STATIC TEST OF A MODIFIED 2.75-INCH FFAR ROCKET	Torres, R.
RT-TR-62-1	8 Jan 62	STATIC FIRING OF REDSTONE ENGINE S/N 6068	Harsh, G.
RT-TR-62-2	26 Jan 62	RESULTS OF THE PERSHING JET VANE AERODYNAMIC TEST CONDUCTED IN THE EXHAUST OF MOTOR 61XB2	Stone, R.
RT-TR-62-3	May 62	EVALUATION OF BORESCOPE	Dark, J.
RT-TR-62-4	9 Jul 62	OPERATION OF SERGEANT ARTILLERY GUIDED MISSILE SYSTEM IN COLD AND HOT ENVIRONMENTS	Beyer, J.
RTLA-TM-61-32.2b	10 Jan 62	INSTRUMENTATION OPERATION ANALYSIS FIRING TEST REPORT PERSHING MISSILE 320 - PART IIb	Gandy, W.
RTLA-TM-62-1.2a	23 Jan 62	CONSOLIDATED INSTRUMENTATION PLAN FIRING TEST REPORT PERSHING MISSILE 332 - PART IIa	Cooper, W.
RTLA-TM-62-1.1	9 Feb 62	INDEX AND TEST RESULTS FIRING TEST REPORT PERSHING MISSILE 332, TEST NO. 53 - PART I	Swallick, T.
RTLA-TM-62-1.2b	3 May 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIb OF THE FIRING TEST REPORT, PERSHING MISSILE 332	Gandy, W.
RTLA-TM-62-1.4	4 Jan 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING MISSILE 332	McFarland, D.
RTLA-TM-62-2	16 Jan 62	PROVISIONAL INSTRUMENTATION PLAN NO. 1 - PERSHING 332	Cooper, W.
RTLA-TM-62-3	17 Jan 62	AMR BRANCH ACTIVITY REPORT - PERSHING 334	Faulkner, F.
RTLA-TM-62-4.1	1 Mar 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 335, TEST NO. 79 - PART I	Swallick, T.
RTLA-TM-62-4.2a	6 Feb 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 335 - PART IIa	Cooper, W.
RTLA-TM-62-4.2b	21 May 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIb OF FIRING TEST REPORT, PERSHING MISSILE 335	Gandy, W.
RTLA-TM-62-4.4	22 Jan 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 335	McFarland, D.
RTLA-TM-62-5	1 Feb 62	PROVISIONAL INSTRUMENTATION PLAN NO. 1 - PERSHING 335	Cooper, W.
RTLA-TM-62-6	20 Feb 62	AMR BRANCH ACTIVITY REPORT, PERSHING 332	Faulkner, F.
RTLA-TM-62-7.2a	13 Mar 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 328 - PART IIa	Cooper, W.
RTLA-TM-62-7.4	27 Feb 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 328	Bilott, W.

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RTLA-TM-62-8	6 Mar 62	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 328	Gooper, W.
RTLA-TM-62-9	16 Mar 62	AMR BRANCH ACTIVITY REPORT, PERSHING 335	Faulkner, F.
RTLA-TM-62-12	19 Apr 62	AMR BRANCH ACTIVITY REPORT, PERSHING 328	Faulkner, F.
RTLA-TM-62-36.2b	19 Feb 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT PERSHING MISSILE 322 - PART IIB	Gandy, W.
RTLA-TM-62-39.2b	8 Mar 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 323 - PART IIB	Gandy, W.
RTLA-TM-62-48.2a	5 Jan 62	GONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 334 - PART IIA	Charlesworth, C.
RTMM-TM-62-1.2b	3 May 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 332 - PART IIB	Gandy, W.
RTMM-TM-62-1.4	3 May 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIB OF FIRING TEST REPORT, PERSHING 332	Gandy, W.
RTMM-TM-62-4.2b	21 May 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 335 - PART IIB	Gandy, W.
RTMM-TM-62-7.1	24 Apr 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 328, TEST NO. 127 - PART I	Swallick, T.
RTMM-TM-62-7.2b	24 May 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 328, PART IIB	Gandy, W.
RTMM-TM-62-11.1	17 May 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 326, TEST NO. 128 - PART I	Swallick, T.
RTMM-TM-62-11.2b	21 Jun 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIB OF FIRING TEST REPORT, PERSHING MISSILE 326	Gandy, W.
RTMM-TM-62-14.1	24 May 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 337, TEST NO. 1335 - PART I	Swallick, T.
RTMM-TM-62-14.2b	10 Jul 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 337 - PART IIB	Glark, C.
RTMM-TM-62-15.1	25 May 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 329 - PART I	Swallick, T.
RTMM-TM-62-15.2a	23 Apr 62	GONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 329 - PART IIA	Cooper, W.
RTMM-TM-62-15.2b	20 Jul 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 329 - PART IIB	Glark, G.
RTMM-TM-62-15.4	12 Apr 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 329	Smith, W.
RTMM-TM-62-16.1	19 Jun 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 330, TEST NO. 129 - PART I	Swallick, T.
RTMM-TM-62-16.2a	3 May 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 330 - PART IIA	Gooper, W.
RTMM-TM-62-16.2b	8 Aug 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 330 - PART IIB	Glark, C.

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RTMM-TM-62-16.4	30 Apr 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 330	Smith, W.
RTMM-TM-62-17.1	19 Jul 62	INDEX AND TEST RESULTS - PART I OF FIRING TEST REPORT, PERSHING MISSILE 339, TEST NO. 1337	Swallick, T.
RTMM-TM-62-17.2a	25 May 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 339 - PART IIa	Cooper, W.
RTMM-TM-62-17.2b	20 Aug 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIB OF FIRING TEST REPORT, PERSHING MISSILE 399	Clark, C.
RTMM-TM-62-17.4	11 May 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 339	Smith, W.
RTMM-TM-62-18	4 May 62	AMR BRANCH ACTIVITY REPORT, PERSHING 326	Faulkner, F.
RTMM-TM-62-19.2	8 Jun 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 342 - PART IIa	Cooper, W.
RTMM-TM-62-19.2b	4 Sep 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIB OF FIRING TEST REPORT, PERSHING MISSILE 342	Clark, C.
RTMM-TM-62-19.4	23 May 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 342	Smith, W.
RTMM-TM-62-20.1	14 Aug 62	INDEX AND TEST RESULTS - FIRING TEST REPORT, PERSHING MISSILE 342, TEST NO. 1913 - PART I	Swallick, T.
RTMM-TM-62-20.2a	29 Aug 62	CONSOLIDATED INSTRUMENTATION PLAN - PART IIa OF FIRING TEST REPORT, PERSHING MISSILE 347	Gandy, W.
RTMM-TM-62-20.4	30 Jul 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 347	Smith, W.
RTMM-TM-62-21.2a	31 Jul 62	CONSOLIDATED INSTRUMENTATION PLAN - PART IIa OF FIRING TEST REPORT, PERSHING MISSILE 338	Gandy, W.
RTMM-TM-62-21.2b	11 Sep 62	INSTRUMENTATION OPERATION ANALYSIS - PART IIB OF FIRING TEST REPORT, PERSHING MISSILE 338	Clark, C.
RTMM-TM-62-21.4	11 Jul 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 338	Smith, W.
RTP-TM-62-10	23 Mar 62	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 326	Cooper, W.
RTP-TM-62-11.2a	28 Mar 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 326	Cooper, W.
RTP-TM-62-11.4	22 Mar 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 326	Smith, W.
RTP-TM-62-13	11 Apr 62	PROVISIONAL INSTRUMENTATION PLAN NO. 1, PERSHING 337	Cooper W.
RTP-TM-62-14.2a	18 Apr 62	CONSOLIDATED INSTRUMENTATION PLAN - FIRING TEST REPORT, PERSHING MISSILE 337 - PART IIa	Cooper, W.
RTP-TM-62-14.4	3 Apr 62	MASTER OPERATIONAL SCHEDULE - PART IV OF FIRING TEST REPORT, PERSHING 337	Smith, W.

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RTP-TM-62-41.2a	20 Mar 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 324 - PART IIB	Gandy, W.
RTP-TM-62-43.2b	22 Mar 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 327 - PART IIB	Gandy, W.
RTP-TM-62-48.2b	6 Apr 62	INSTRUMENTATION OPERATION ANALYSIS - FIRING TEST REPORT, PERSHING MISSILE 334 - PART IIB	Gandy, W.
S-62-1	13 Apr 62	STUDY OF INTERRELATIONSHIP BETWEEN CONUS AICBM SYSTEM, NIKE ZEUS, AND HARDSITE, THE FIELD ARMY BALLISTIC MISSILE DEFENSE SYSTEM (FABMDS)	
S-62-2	28 Jun 62	AMRAD TARGET EXPERIMENT STUDY (Incl. APPENDIX V.)	
TM 2E20M	22 Jan 62	RADIATION STUDY OF FOUR RE-ENTRY BODIES WITH FIVE DIFFERENT PROTECTIVE COATINGS	Forgey, R.
TM 2H2M	19 Jan 62	SCOPE AND STATUS OF THEORETICAL AND EXPERIMENTAL REENTRY PHYSICS RESEARCH	
TN-62-3	1962	FLIGHT MECHANICS INVESTIGATION FOR HARDSITE	Johnson, F.
TN 2E13N	9 Jan 62	EVALUATION OF STUDIES OF HARDENED SITE ACTIVE DEFENSE SYSTEMS (Incl. APPENDICES A THRU H)	
TN 2H4N	15 Jan 62	THE EXPERIMENTAL MEASUREMENT AND THEORETICAL INTERPRETATION OF THERMAL RADIATION FROM THE LUNAR SURFACE	Tyler, W.
TN 2J21-43	21 Feb 62	HONEST JOHN SPIN MOTOR VIBRATION TEST	Huber, C.
TN 2J78-32	16 Jan 62	PADA PERFORMANCE AND WIND SENSITIVITY TEST OF THE PHASE II PADA LITTLEJOHN ROCKET ON THE XM-100 LAUNCHER	Roberts, C.
TN 2J78-33	23 Feb 62	LITTLEJOHN ELECTRIC HEATING BLANKET COLD TEST	Huber, C.
TN 2J95-23	1 Jan 62	TEST PROGRAM AND SUMMARY REPORT OF AGING TESTS OF NIKE HERCULES XM30 SUSTAINER MOTOR	Peace, F. Free, W.
TN 2J145-86	6 Feb 62	PERSHING MONTHLY DATA REPORT FOR NOVEMBER 1961	Tailleur, D.
TN 2J145-87	7 Feb 62	PERSHING MONTHLY DATA REPORT FOR DECEMBER 1961	Tailleur, D.
TN 2J145-88	27 Apr 62	PERSHING SECOND STAGE MOTOR VENTING SYSTEM TEST	Lawson, H.
TN 2J147-33	13 Mar 62	STATIC TEST OF A NIKE ZEUS STAGE II MOTOR - ROUND 10	Davis, G.
TN 2J147-34	14 May 62	STATIC TEST OF A NIKE ZEUS BOOSTER MOTOR	Massarotti, R.
TN 2J157-14	7 Mar 62	PROPOSED ENIAC COMBINED ORDNANCE/SERVICE TEST PROGRAM	Gresham, J.
TN 2J160-20	27 Feb 62	MONTHLY DATA REPORT FOR THE LIGHT ANTITANK WEAPON (LAW) SYSTEM FOR DECEMBER 1961	McGregor, P.
TN 2J160-28	19 Jan 62	ENGINEERING DESERT TEST OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	McGregor, P.
TN 2J160-29	27 Feb 62	SUMMARY OF THE FINAL ENGINEERING TESTS OF THE LIGHT ANTITANK WEAPON (LAW) SYSTEM	

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TN 2J177-3	9 Feb 62	STATIC TEST OF MAULER MOTOR TO DETERMINE MOTOR PERFORMANCE WHEN CONDITIONED AT 70°F AND -40°F	Horn, W.
TN 2J177-4	27 Mar 62	STATIC TEST OF FIVE MAULER MOTORS	Tailleur, D.
TN 2J179-2	2 Mar 62	INFRARED COMMAND UNIT (ICU) PROGRESS REPORT - ROUNDS 25 THRU 36	Hanks, D.
TN 2J179-3	10 Apr 62	FEASIBILITY TESTS OF THREE TRACKING SIGHTS FOR USE WITH THE ICU SYSTEM	Gresham, J. Derry, D.
TN 2J181-2	9 Feb 62	TESTS OF RADIO-FREQUENCY ATTENUATION DEVICES	McAdams, J. Langston, R.
TN 2J185-3	4 May 62	ENVIRONMENTAL TESTS OF SHILLELAGH GUIDED MISSILE CONCEPT CONTAINERS	Wahlheim, W.
TN 2J188-3	18 Jan 62	MONTHLY DATA REPORT FOR OCTOBER AND NOVEMBER 1961 FOR PHASE I OF THE INTERIM AREA AIRCRAFT ARMAMENT ROCKET SYSTEM	Stark, R.
TN 2J190-3	8 Jan 62	BATTLEFIELD ILLUMINATING SYSTEM PRELIMINARY ENGINEERING DESIGN TEST	Huber, C.
TN 2J190-4	21 Feb 62	BATTLEFIELD ILLUMINATING SYSTEM CONCEPT DISPLAY	Huber, C.
TR 2B2R	20 Jan 62	RELIABILITY ORIENTATION LECTURES	Steinberg, A. Bombara, E. Moore, S.
TR 2H4R	22 Jan 62	A GENERAL PROBE THEORY FOR MEASUREMENTS IN A PLASMA	Cason, C. Barr, T.
Monograph 11	22 Jun 62	A RADAR PRECIS OF AMRAC PRECEEDINGS, VOL. I-V	Katter, O. Little, E.
Monograph 12	5 Jul 62	POWER SPECTRAL DENSITY ANALYSIS OF WAKE EFFECTS	Katter, O. Menotti, R.
Monograph 13	10 Jul 62	ON AN OPTICAL MEASURABLE AND BLUNT/SLENDER DISSIMILITUDE	Schultis, W.
Monograph 14	Aug 62	DECOY CHARACTERISTICS	Katter, O.
Monograph 15	Oct 62	A NOTE ON DENSITY AND DISCRIMINATION	Schultis, W.
Monograph	27 Jul 62	HISTORY OF THE JUPITER MISSILE SYSTEM	Grimwood, J. Strowd, F.
Monograph	10 Sep 62	HISTORY OF THE LACROSSE GUIDED MISSILE SYSTEM	Cagle, M.
Tech Lib Biblio 38	15 Mar 62	BIBLIOGRAPHY ON TARGET IDENTIFICATION AND DISCRIMINATION	
RSIC Biblio 1	14 Sep 62	BIBLIOGRAPHY - JUPITER NOSE CONES	Whitaker, S.

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ARPAT PROGRAMS SUMMARY	1 Jun 62	
ATMOSPHERIC REFRACTION OF OPTICAL AND RADIO FREQUENCY RAYS (Memo for Record)	20 Nov 62	Kent, J.
(THE) AUTOMET TECHNIQUE FOR AFTER-BOOST DISPERSION CONTROL OF AN ARTILLERY MISSILE	30 May 62	McCorkle, W.
C <sub>D</sub> ESTIMATION BY LAMINAR TO TURBULENT TRANSITION (Memo for Rec.)	1962	Schultis, W.
CONSOLIDATED DATA SUMMARY REPORT, PERSHING 326	11 Apr 62	
(same) PERSHING 327	4 Jan 62	Gandy, W.
(same) PERSHING 328	20 Mar 62	Gandy, W.
(same) PERSHING 329	3 May 62	Gandy, W.
(same) PERSHING 330	17 May 62	Gandy, W.
(same) PERSHING 332	31 Jan 62	Gandy, W.
(same) PERSHING 334	22 Jan 62	Gandy, W.
(same) PERSHING 335	26 Feb 62	Gandy, W.
(same) PERSHING 337	1 May 62	Gandy, W.
(same) PERSHING 338	28 Aug 62	Gute, J.
(same) PERSHING 339	14 Jun 62	Gandy, W.
(same) PERSHING 342	21 Jun 62	Gute, J.
(same) PERSHING 347	5 Oct 62	Gute, J.
(same) PERSHING 348	27 Nov 62	Gute, J.
(same) PERSHING 351	30 Oct 62	Gute, J.
(same) PERSHING 353	17 Dec 62	Gute, J.
(same) PERSHING 354	6 Dec 62	Gute, J.
CONVECTIVE HEATING RATES ON BLUNT NOSE CONES	Feb 62	Letson, K. Burleson, W. Eppes, R. Pundt, D.
COORDINATED ARTILLERY SYSTEMS CONCEPT FOR THE VERY LONG RANGE TIME FRAME 1970-1980	1 Oct 62	Lawrence, R.



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DOWNRANGE ANTIMISSILE MEASUREMENT PROGRAM (DAMP) PARTICIPATION IN FISH BOWL SERIES RF MEASUREMENTS AND OPTICAL MEASUREMENTS	Dec 62	Hagefstration, J.
(THE) EFFECTS OF RADAR ON THE HUMAN BODY (RESULTS OF RUSSIAN STUDIES ON THE SUBJECT)	16 Jul 62	Turner, J.
ESTIMATING RELIABILITY TRENDS	Jan 62	Steinberg, A.
EVALUATION OF ELECTRO OPTICAL ASPECTS OF SORTI PROPOSAL (Internal Report)	20 Nov 62	Tritt, V. York, R.
FEASIBILITY STUDY FOR GROUND BASED OPTICAL INSTRUMENTATION TO BE LOCATED AT WSMR (Memo for Record)	7 Dec 62	Vann, F.
HARDSITE DEFENSE WEAPON SYSTEM DEVELOPMENT PLAN - REVISED	Mar 62	
HIGH ANGLE BARRAGE MISSILE SYSTEM - 81-MM	7 Sep 62	
HIGH ANGLE BARRAGE MISSILE SYSTEM - 107-MM	19 Nov 62	
(THE) HUMAN AS A MISSILE SYSTEM COMPONENT	1 Jun 62	Chaillet, R. Steinberg, A.
HUMAN ENGINEERING EVALUATION OF THE MISSILE B CONTRACTOR PROPOSALS	1962	Graham, D. Chaillet, R. Chaikin, G.
HUMAN FACTORS ENGINEERING FOR U. S. ARMY MISSILE COMMAND (Staff Study for CG, USAMICOM)	20 Dec 62	Graham, D.
HYBRID TERMINAL SEEKER (Internal Report)	12 Oct 62	Tritt, V. York, R.
KINETICS OF EPOXIDE-CARBOXYLIC ACID REACTIONS	May 62	Odom, R.
LASER SYSTEMS STUDY	21 Dec 62	
(A) METHOD FOR ESTIMATING FORCES, MOMENTS, AND DRAG DUE TO LIFT ACTING ON SLENDER BODIES AND FIN-STABILIZED BODIES AT SUPERSONIC SPEEDS (Internal Note)	12 Sep 62	Hanson, G.
MISSILE B TECHNICAL DEVELOPMENT PLAN - DIVISION SUPPORT MISSILE	20 Nov 62	
MONTHLY TECHNICAL PROGRESS REPORT OF THE ADVANCED SYSTEMS LABORATORY, FOR MAY 1962	7 Jun 62	
(same) FOR JUNE 1962	7 Jul 62	
(same) FOR JULY 1962	7 Aug 62	
(same) FOR AUGUST 1962	7 Sep 62	
(same) FOR SEPTEMBER 1962	7 Oct 62	
(same) FOR OCTOBER 1962	7 Nov 62	
(same) FOR NOVEMBER 1962	7 Dec 62	
NIKE ZEUS GROUND COVERAGE IN AN UNDECOYED ENVIRONMENT	Mar 62	
NOTES ON DEVELOPMENT TYPE MATERIEL ARMAMENT SUBSYSTEM, HU-1B HELICOPTER, 2.75-INCH ROCKET LAUNCHER, XM3	1 Oct 62	Strickland, R.

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NOTES ON DEVELOPMENT TYPE MATERIEL, 2.75-INCH FFAR ARMAMENT SUBSYSTEM FOR H-34 HELICOPTER	10 Aug 62	
PAINT PATTERN REPORT, PERSHING 326	2 Apr 62	Gandy, W.
(same) PERSHING 328	12 Mar 62	Gandy, W.
(same) PERSHING 329	26 Apr 62	Gandy, W.
(same) PERSHING 330	7 May 62	Gandy, W.
(same) PERSHING 332	23 Jan 62	Gandy, W.
(same) PERSHING 334	9 Jan 62	Gandy, W.
(same) PERSHING 335	12 Feb 62	Gandy, W.
(same) PERSHING 337	16 Apr 62	
(same) PERSHING 338	15 Aug 62	Gute, J.
(same) PERSHING 339	25 May 62	Gandy, W.
(same) PERSHING 342	13 Jun 62	Gandy, W.
(same) PERSHING 347	7 Sep 62	Gute, J.
(same) PERSHING 348	26 Oct 62	Gute, J.
(same) PERSHING 351	8 Oct 62	Gute, J.
(same) PERSHING 353	30 Nov 62	Gute, J.
(same) PERSHING 354	21 Nov 62	Gute, J.
(same) PERSHING 358	17 Dec 62	Gute, J.
PENETRATION AIDS (Presentation to OCO)	10 Jul 62	Garter, R. Jelsma, L. Ghynoweth, R.
PLASMA DISPERSION THEORY: A SURVEY	30 Jul 62	GIapp, R.
PRELIMINARY ANALYSIS OF ARBALIST (Internal Report)	Jul 62	Bigger, J.
PRELIMINARY ANALYSIS OF "SPRINT" FOR VARIOUS CONFIGURATIONS	Jul 62	Rausch, R.
PROGRAMMING RELIABILITY IN R&D	17 Jan 62	Steinberg, A.
PROGRESS REPORT NO. 1, COMPONENT DEVELOPMENT AND SYSTEM FEASIBILITY PROGRAM OF A HYPERVELOCITY ANTITANK ROCKET	30 Oct 62	
PROGRESS REPORT NO. 2, COMPONENT DEVELOPMENT AND SYSTEM FEASIBILITY PROGRAM OF A HYPERVELOCITY ANTITANK ROCKET	4 Dec 62	
REDEYE SYSTEM CALCULATIONS FOR A 2-KILOMETER RANGE (Internal Report)	31 Jul 62	HoIter, D.
RE-ENTRY ANALYSIS AND MODELING OF TARGET CHARACTERISTICS	1 Nov 62	
RESEARCH REVIEW	1962	Shatas, R.

<u>Title</u>	<u>Date</u>	<u>Author</u>
SELECTED RESEARCH ON NEW BINDERS FOR SOLID PROPELLANTS	Nov 62	Huskins, C. James, F.
SHILLELAGH STATUS REPORT AND PRELIMINARY EVALUATION	30 Apr 62	Hamilton, J. Edmondson, E.
SOLID PROPELLANT GRAIN RHEOLOGICAL PROBLEMS AND THEIR EFFECTS ON ROCKET MOTOR TEMPERATURE LIMITS	Nov 62	Allen, H. Duerr, T. James, F.
SOLUTIONS OF SOME UNIQUE BALLISTIC PROBLEMS IN FREE FLIGHT ROCKETS	Nov 62	Stokes, A. Vaughn, L. Davis, S. Martin, T. Guthrie, W. Cox, J.
STANDARD TRAJECTORY DATA REPORT, PERSHING 326	3 Apr 62	Gandy, W.
(same) PERSHING 328	13 Mar 62	Gandy, W.
(same) PERSHING 330	8 May 62	Gandy, W.
(same) PERSHING 332	23 Jan 62	Gandy, W.
(same) PERSHING 334	10 Jan 62	Gandy, W.
(same) PERSHING 335	12 Feb 62	Gandy, W.
(same) PERSHING 337	18 Apr 62	Gandy, W.
(same) PERSHING 338	20 Aug 62	Gandy, W.
(same) PERSHING 339	29 May 62	Gandy, W.
(same) PERSHING 342	13 Jun 62	Gandy, W.
(same) PERSHING 347	17 Sep 62	Gandy, W.
(same) PERSHING 351	10 Oct 62	Gandy, W.
STATIC TEST OF THREE XM22E8, MOD I, ROCKET MOTORS FIRED AT LOW TEMPERATURES - FIRING RPT 87 (HAWK - ROUNDS E4 THRU E6)	2 Feb 62	
STUDY OF RADIOMETRIC SYSTEMS (Memo for Record)	6 Feb 62	Katter, O.