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*Martha - 310 pages in order
received, consecutively*

Gerry

JUN 16 1994

Armed Forces Special Weapons Project, AFSWP-507
 Washington Armed Forces
 Radioactive fall-out hazards from Special Weapons
 surface bursts of very high yield Project, Wash.
 nuclear weapons. Technical analysis Borg, D C
 report. Gates, L D
 D.C. Borg, et al May 1954 76p. Gibson, T A., Jr.
 Paine, R W., Jr.
 1. Castle
 2. Bravo Burst--
 Fall Out
 3. Fall Out

ARA-M-5100

Secret

Allied Research Associates, Inc.
 Preliminary positions for the
 B-36D and the B47B in operation
 Castle. Memorandum.
 4 January 1954 17p.

ARA-M-5100
 Allied Research
 Associates, Inc.
 1. Castle
 2. Airplane B-36D
 --Thermal Radia-
 tion Effects
 3. Airplane B-36D
 --Blast Effects
 4. Airplane B-47B
 --Thermal
 Radiation Effects

5. Airplane B-47B--
 Blast Effects

ARA-M-5101

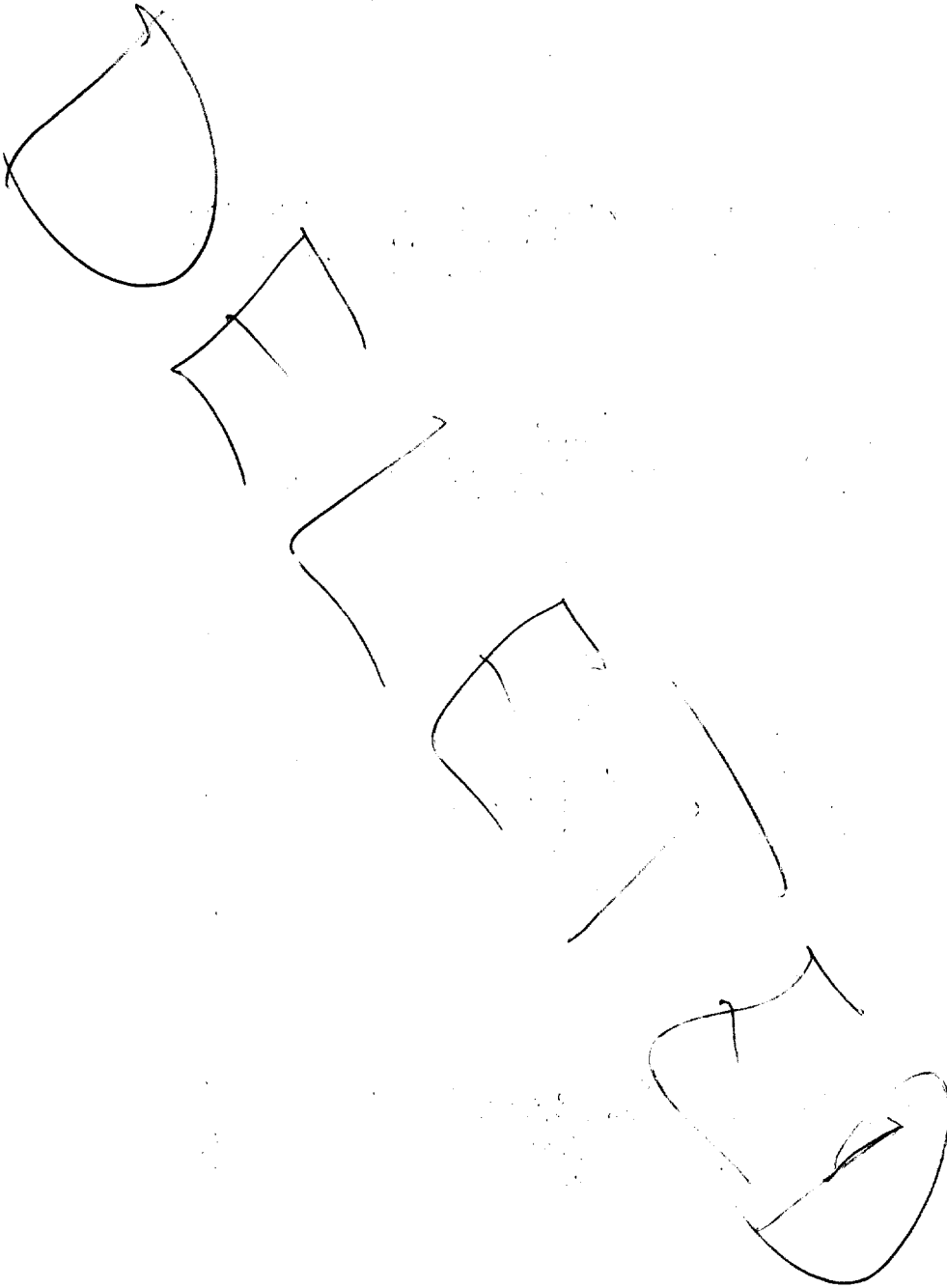
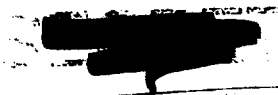
Secret

Allied Research Associates, Inc.
 Preliminary study of aircraft
 position for operation Castle.
 Memorandum.
 4 January 1954 9p.

ARA-M-5101
 Allied Research
 Associates, Inc.
 1. Castle
 2. Airplanes--
 Thermal Radiation
 Effects
 3. Airplanes--
 Blast Effects

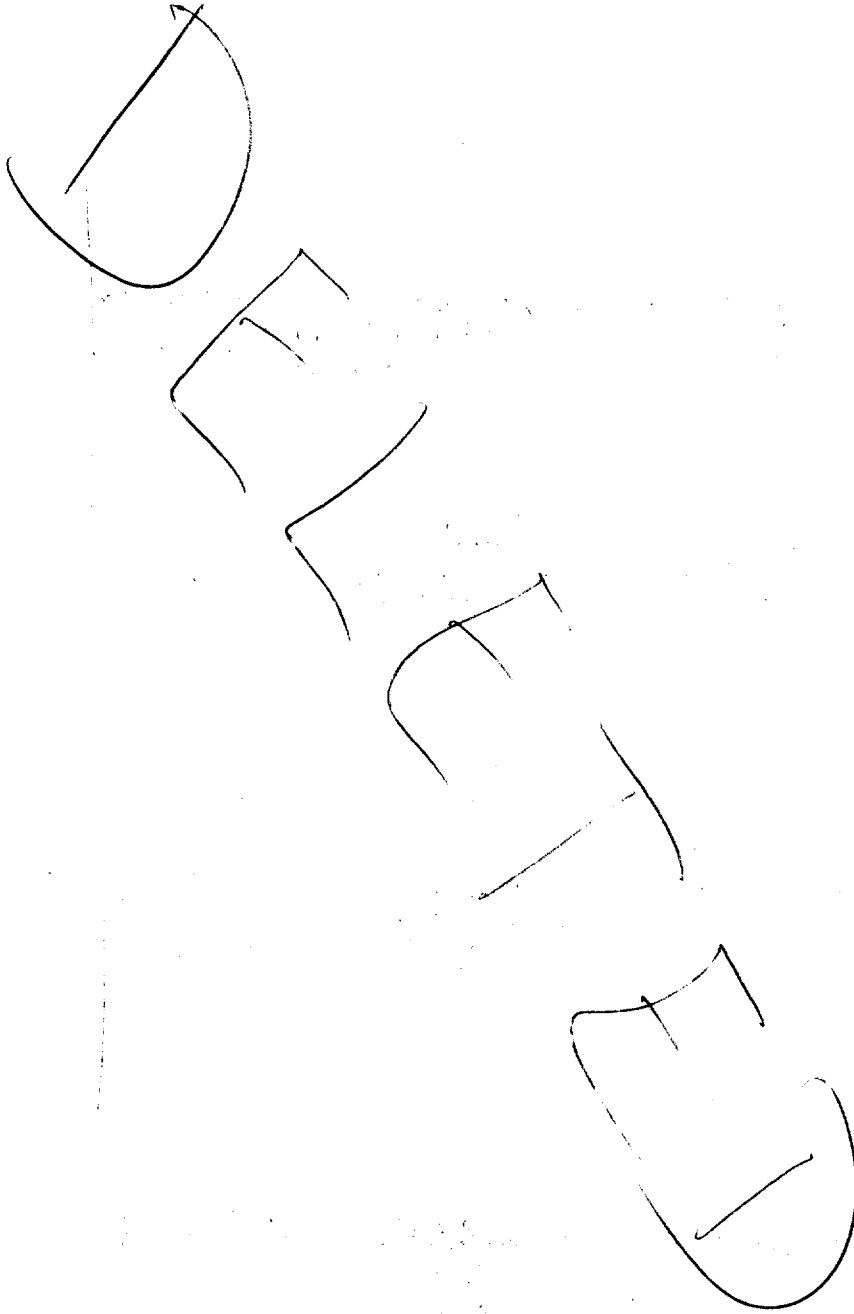
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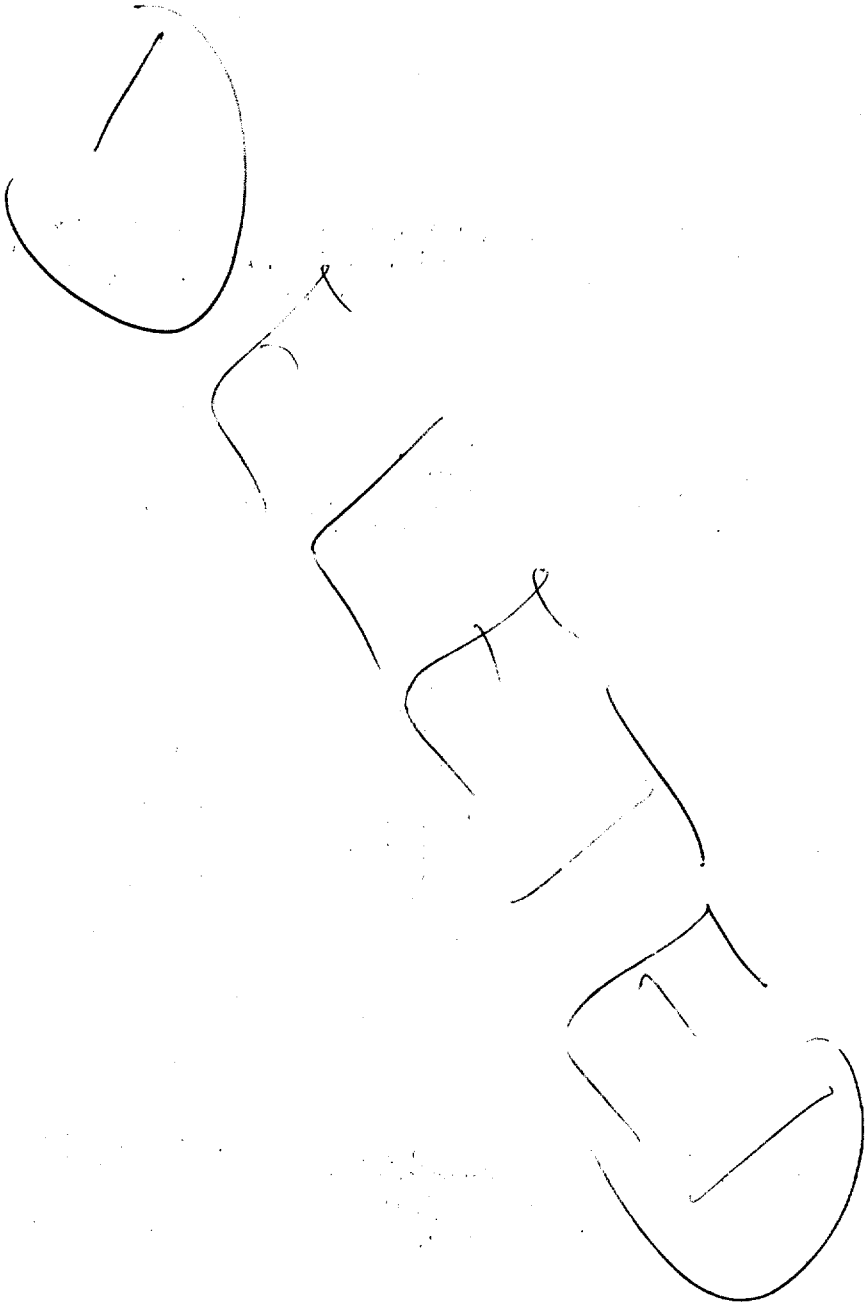
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1. Castle

CASTLE HANDBOOK

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Los Alamos Scientific Laboratory
A handbook for operation Castle.
Aamodt, et al Jan. 1, 1954 263p.

CASTLE HANDBOOK
LASL

Augh. No. XXVIII-1440-20A

Aamodt, Robert Lee
Biggers, Wendell
Brown, Harold
Brown, Leon J
Browne, Charles I
Byerly, Paul
Cowan, George A
Cox, Arthur N
(Cont'd on card 2)

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DIRX-437

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EG & G-1092

Secret

Edgerton, Germeshausen & Grier
Castle pre-operational photoplan.
Projects 13.1, 13.2, 13.3, 1.1a,b,c.
28 August 1953 46p.

EG & G-1092
Edgerton,
Germeshausen
& Grier
EG & G Out-1172
1. High Speed
Photography
2. Castle

CONFIDENTIAL-~~RD~~

EG&G-1096

~~Secret~~

Edgerton, Germeshausen & Grier,
Inc.
Light transmission requirements
for Castle Program 13.1.
30 October 1953 7p.

EG&G-1096
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-OUT-1254
1. Castle
2. Ball of Fire--
Measurement

3. castle

EG&G-OUT-777

Secret

Edgerton, Germeshausen & Grier, Inc.
Progress reports for the month
of July 1952 through December
1952 and January 1953 through
June 1953.
1952 and 1953 43p.

EG&G-OUT-777
Edgerton, Germes-
hausen & Grier, Inc.
EG&G-OUT-778
EG&G-OUT-779
EG&G-OUT-780
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EG&G-OUT-782
EG&G-OUT-783
EG&G-OUT-784
EG&G-OUT-785
EG&G-OUT-786

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EG&G-OUT-777

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EG&G-OUT-787

EG&G-OUT-788

1. Ivy
2. Upshot
3. Castle

EG & G OUT-1250

Edgerton, Germeshausen & Grier
Inc.

Progress for the month of
September, 1953.

30 Sept. 1953 13p.

Secret

EG & G OUT-1250

Edgerton, Germeshausen
& Grier, Inc.

1. Timing Circuits
2. Castle
3. Telemetering
Systems
4. Bhangmeters
5. X-Units

EG&G-OUT-1306B

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EG&G-OUT-1551

Secret

Edgerton, Germeshausen & Grier, Inc.

Progress report for the month of March, 1954. Contract No. AT(29-1)-1183.

31 March 1954 21p.

EG&G-OUT-1551

Edgerton, Germeshausen & Grier, Inc.

- 1. Castle
- 2. Bravo Burst
- 3. X-Units
- 4. Donut
- 5. Timing Circuits

CONFIDENTIAL-RD

EG&G-OUT-1564

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Edgerton, Germeshausen & Grier, Inc.

Progress for the month of April 1954.

April 30, 1954 19p.

EG&G-OUT-1564

Edgerton, Germeshausen & Grier, Inc.

- 1. Castle
- 2. Nevada Proving Grounds
- 3. X-Units

EG&G-OUT-1587, Vol. 1

Secret

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Edgerton, Germeshausen & Grier, Inc.
Castle film data sheet catalog.
Shots: Bravo, Romeo, and Koon.
Volume 1 of 2 volumes.
16 July 1954 192p.

EG&G-OUT-1587,
Vol. 1
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-1141, Vol. 1
1. Bravo Burst
2. Romeo Burst
3. Koon Burst
4. Castle

EG&G-OUT-1587, Vol. 2

Secret

Edgerton, Germeshausen & Grier, Inc.
Castle film data sheet catalog.
Shots: Union, Yankee, and Nectar.
Volume 2 of 2 volumes.
16 July 1954 159p.

EG&G-OUT-1587,
Vol. 2
Edgerton,
Germeshausen &
Grier, Inc.
EG&G-1141, Vol. 2
1. Nectar Burst
2. Union Burst
3. Yankee Burst
4. Castle

EG&G-OUT-1751

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Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF
DECEMBER, 1954.
Dec. 31, 1954 36p.

1. Teapot
2. Redding--Photo-
graphy
3. Castle
4. Triggered mark
Caps
5. Wigwam
I. Edgerton, Germes-
hausen & Grier, Inc



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FILM-Y-29 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
TU 4 HANDLING PROBLEMS OPERATION
CASTLE. (MOTION PICTURE). 1954.
10 min., silent, bw. & color, 16 mm.

- 1. Castle
- 2. Handling Equipment (WD)
- 3. Loading Operations (WD)
- 1. Corp. Author

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FWC-M61

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HLJ-LA-1

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HN-LA-9

(Holmes & Narver, Inc.)
Barge Stations. Operation
Castle.

n.d. 76p.

Confidential

HN-LA-9
(Homes & Narver, Inc.)
1. Castle

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HN-LA-12

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Secret

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Holmes & Narver, Inc.
Monthly narrative report.
June 15, 1954 60p.

HN-LA-12
Holmes & Narver, Inc.
l. Castle

HN-LA-31

Secret

Holmes and Narver, Inc.
Completion report, Operation
Castle, 1953 - 1954.
n.d. 412p.

HN-LA-31
Holmes & Narver, Inc.
l. Castle

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LA-9941-MS (Rpt:Secret/RD)
Los Alamos National Laboratory.
MEASUREMENTS OF GAMMA-RAY INTENSITY
PRODUCED BY THE CASTLE ROMEO AND UNION
NUCLEAR EXPLOSIONS AT LATE TIMES (U).
Bob E. Watt, comp. Feb. 1984. 36 p.

CD: Unclass.
I. Auth.
II. Corp. Auth.
1. Romeo burst
2. Union burst
3. Castle
4. Bravo burst

JUN 16 1994

3-5-84

c.16A thru 35A

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WD-family

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J-16351

Los Alamos Scientific Laboratory
Notes on Pogo Meeting, 18
February 1953.
William Ogle Feb. 24, 1953 5 pp

Secret.

J-16361

- LA-51
- Ogle, William
- 1. Castle
- 2. Radiochemistry
- 3. Scaling Laws
- 4. Thermal
Radiation
- 5. Upshot--"Alpha"
Measurements

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JUN 16 1954

J-17390

Secret

Los Alamos Scientific Laboratory
Summary of notes on a meeting
held at Los Alamos, New Mexico,
March 3 and 4, 1953 with
representatives of the Depart-
ment of Defense and J-Division
to discuss Castle Planning
with particular reference to TU-13.
(DOD Program).

J-17390
LASL
Ogle, Wm. E. (Ed)
L. Castle

William E. Ogle (Ed.) n.d. 45 p.

J-20715

Secret

Los Alamos Scientific Laboratory
Notes on Pogo staff meeting,
July 1, 1953.
William Ogle n.d. 5p.

J-20715
LASL
Ogle, William
L. Castle

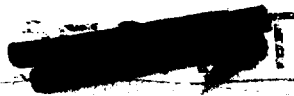
J-20716

Secret

Los Alamos Scientific Laboratory
Notes on Pogo staff meeting.
William Ogle 23 Sept. 1953
6p.

J-20716
LASL
Ogle, William
L. Castle

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JF-8305

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JTF-7 TG-7.3

Secret

Navy. Joint Task Force Seven.
Task Group 7.3
Final report on Operation
Castle.
June 14, 1954 372p.

JTF-7 TG-7.3
Navy. Joint Task
Force Seven.
Task Group 7.3
1. Castle

JTF-7 TG-7.4

Secret

Air Force. Joint Task Force Seven.
Task Group 7.4.
Final report of the Commander Air
Task Group 7.4 on Operation Castle.
July 1953 - June 1954
112p.

JTF-7 TG-7.4
Air Force. Joint Task
Force Seven. Task
Group 7.4
1. Castle
2. Sample Collection

~~SECRET~~

JUN 16 1964

JTF-132 - Castle (Report: SECRET)
Joint Task Force 132
REPORT BY THE COMMANDER,
JOINT TASK FORCE 132, CASTLE.
(ARMED FORCES PARTICIPATION IN
THE 1953 EXPERIMENTAL NUCLEAR
AND THERMONUCLEAR TESTS AT
ENIWETOK/BIKINI.) 45p.

Cd: UNCLASSIFIED
I. Corp. Auth.
1. Castle

8-24-65

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LAMD-1186

card 2

~~Secret~~ Secret

- | | | |
|--------------------|---------------------------------|------------|
| 5. Greenhouse | 16. Easy Burst | 27. Buster |
| 6. Buster | 17. Buster Burst A | Burst B |
| 7. Tumbler-Snapper | 18. Dog Burst | 28. Buster |
| 8. Upshot-Knothole | 19. George Burst | Burst C |
| 9. Ivy | 20. Item Burst | 29. Buster |
| 10. <u>Castle</u> | 21. Charlie Burst | Burst D |
| 11. X-Ray Burst | 22. Ranger Burst A | 30. Buster |
| 12. Yoke Burst | 23. Ranger Burst B | Burst E |
| 13. Zebra Burst | 24. Ranger Burst B ₂ | |
| 14. Able Burst | 25. Ranger Burst E | (Cont'd on |
| 15. Baker Burst | 26. Ranger Burst F | card 3) |

LAMD-1186

card 3

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|-----------------------------|----------------------------|
| 31. Tumbler-Snapper Burst 1 | 43. Upshot-Knothole Cliff |
| 32. Tumbler-Snapper Burst 2 | 44. Upshot-Knothole Dixie |
| 33. Tumbler-Snapper Burst 3 | 45. Upshot-Knothole Grable |
| 34. Tumbler-Snapper Burst 4 | 46. Upshot-Knothole Harry |
| 35. Tumbler-Snapper Burst 5 | 47. Upshot-Knothole Encore |
| 36. Tumbler-Snapper Burst 6 | 48. Upshot-Knothole Nancy |
| 37. Tumbler-Snapper Burst 7 | 49. Upshot-Knothole Ray |
| 38. Tumbler-Snapper Burst 8 | 50. Upshot-Knothole Ruth |
| 39. Mike Burst | 51. Upshot-Knothole Simon |
| 40. King Burst | 52. Mark III Weapon |
| 41. Upshot-Knothole Annie | (Cont'd on card 4) |
| 42. Upshot-Knothole Badger | |

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LAMD-1186

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LAMD-1186

Secret

Los Alamos Scientific Laboratory
California, University. Radiation
Lab. Livermore Site.

LAMD-1186
LASL.
Calif. U. Radiation
Lab. Livermore Site

The necessity for and value of
continental tests.

Darol Froman August 28, 1953
24p.

Froman, Darol F
1. Pacific Proving
Grounds

2. Nevada Proving
Grounds

3. Sandstone

4. Ranger
(Cont'd on card 2)

Auth. No. CX-827-14A

LAMD-1234

Secret

LASL. Ostrich Staff
Minutes of the Ostrich Staff for
December 1952 to August 1953.

LAMD-1234
LASL. Ostrich Staff
Agnew, Harold M
Diven, Benjamin C
Shreffler, Robert G

(Also minutes on TX-14 and Upsho
Harold Agnew, et al 1952-1953 21p.

Mark, Carson
Wechsler, Jacob J
Grover, George M
Leland, Wallace T
Holloway, Marshall
G.

2. Castle

(Cont'd on card 2)

MacDougall, Duncan I

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LAMD-1234

card 2

Secret

Bright, William C	DIRX-83	DIRX-148
Ostrich-25	DIRX-86	DIRX-155
Ostrich-24	DIRX-88	DIRX-157
Ostrich-23	DIRX-97	DIRX-161
Ostrich-22	DIRX-98	DIRX-166
Ostrich-21	DIRX-101	DIRX-178
Ostrich-20	DIRX-107	DIRX-187
Ostrich-19	DIRX-113	DIRX-189
DIRX-71	DIRX-124	DIRX-198
DIRX-74	DIRX-126	DIRX-209
DIRX-75	DIRX-129	DIRX-219
DIRX-77	DIRX-141	(Cont'd on card 3)

LAMD-1234

card 3

Secret

DIRX-214	GMX-847	Ostrich-8
DIRX-213	T-505 R/S-3286	Ostrich-7
DIRX-226	Ostrich-18	Ostrich-6
DIRX-246	Ostrich-17	Ostrich-5
DIRX-251	Ostrich-16	Ostrich-4
DIRX-262	Ostrich-15	Ostrich-3
DIRX-269	Ostrich-14	Ostrich-2
DIRX-284	Ostrich-13	Ostrich-1
DIRX-315	Ostrich-12	1. Ostrich Program
DIRX-336	Ostrich-11	2. Castle
DIRX-353	Ostrich-10	3. Upshot-Knothole
DIRX-137	Ostrich-9	

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LAMD-1284



Secret

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Los Alamos Scientific Laboratory
Appendices TU-4 assembly manuals.
1954 80p.

LAMD-1284
LASL
W-1-2988
W-1-3059
W-1-3084
W-1-3091
W-1-3057
18Y-62298
LACS-AT-1
GMX-7-618
GMX-7-617
GMX-7-616
TU-4-35

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LAMS-2605 (Report: SECRET) card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
CASTLE AND TEAPOT ELF EM SIGNALS,
ALBERT LOOP DATA. John Malik,
Roger Ray and Neel Glass. July 20, 1961.
19p.

1. Electromagnetic
Detection (WD)
 2. Castle
 3. Teapot
- I. Authors (3)
 - II. Corp. Author

N8

LML-LA-1

CONFIDENTIAL

Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 1 OF 9.
n.d. 100p.

1. Castle
- I. Lookout
Mountain
Laboratory

LML-LA-2

CONFIDENTIAL

Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 2 OF 9.
n.d. 100p.

1. Castle
- I. Lookout Mountain
Laboratory

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LML-LA-3

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Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 3 OF 9.
n.d. 100p.

1. Castle
I. Lookout
Laboratory

LML-LA-4

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Lookout Mountain Laboratory
OPERATION CASTLE, STILL PHOTO-
GRAPHY CATALOGUE. BOOK 4 OF 9.
n.d. 101p.

1. Castle
I. Lookout Mountain
Lab.

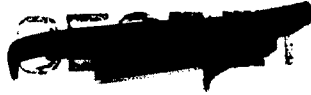
LML-LA-5

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OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 5 OF 9.
n.d. 100p.

1. Castle
I. Lookout Mountain
Laboratory

LML-LA-6



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Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOK 6 OF 9.
n.d. 58p.

- 1. Castle
- I. Lookout Mountain
Laboratory

LML-LA-7

CONFIDENTIAL

Lookout Mountain Laboratory
OPERATION CASTLE STILL PHOTO-
GRAPHY CATALOGUE. BOOK 7 OF 9.
n.d. 62p.

- 1. Castle
- I. Lookout Mountain
Laboratory

LML-LA-8

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Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 8 OF 9.
n.d. 47p.

- 1. Castle
- I. Lookout
Mountain
Laboratory



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LML-LA-9

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Cd: UNCLASSIFIED

Lookout Mountain Laboratory
OPERATION CASTLE STILL
PHOTOGRAPHY CATALOGUE.
BOOK 9 OF 9.
n.d. 69p.

1. Castle
- I. Lookout Mountain Lab.

JTF-7-Log. S-422-54W, Vol. I

SECRET

LASL. Joint Task Force Seven.
TASK GROUP 7.1
FINAL REPORT, RADIOLOGICAL
SAFETY, OPERATION CASTLE,
SPRING, 1954.
n.d. 406p.

1. Bravo Burst
2. Union Burst
3. Yankee Burst
4. Koon Burst
5. Nectar Burst
6. Romeo Burst
7. Castle
- I. LASL. Joint Task Force Seven. Task Group 7.1

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JTF-7-Order 1-54

Secret

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LASL. Joint Task Force Seven.
Task Group 7.1
Commander Task Group 7.1, Joint
Task Force Seven Operation
Order No.1-54.
28 June 1954 4p.

JTF-7-Order 1-54
LASL. Joint Task
Force Seven. Task
Group 7.1
J3-1
1. Castle
2. Redwing

NBS-3C106 (Report: SECRET) Cd: SECRET RD SET-1A
National Bureau of Standards, Wash., D.C. I. Authors (4)
MEASUREMENT OF ELECTROMAGNETIC II. Corp. Auth.
EFFECTS DURING OPERATION CASTLE. III. BL-Control No.
John A. Kemper, Robert H. Doherty, 8623
William H. Lupton and Donald M. Waters. 1. Castle
December 1, 1954. 72p. 2. Electromagnetic
Radiation

SRD letter attached to copy 1-LASL-A

7-18-66

LA-115-66-9
& Master

NDL-TR-74 (Report: SECRET) Cd: UNCLASSIFIED
Nuclear Defense Lab., Edgewood Arsenal,
Md. I. Authors (4)
GAMMA DOSE RATE COMPILATION (U). II. Corp. Auth.
W.E. Loewe, J.W. Mandler, T.G. 1. Gamma Radiation
Stinchcomb and W.E. Zagotta. 2. Greenhouse
June 1966. 251p. 3. Buster-Jangle
4. Tumbler
5. Ivy
6. Castle
7. Redwing
8. Plumbbob
9. Hardtack
10. Sun Beam
11. Fish Bowl

9-12-66

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NRDL-3689 (Report: SECRET)

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NRL-4875 (Report: SECRET)

Naval Research Lab., Wash., D.C.
COMPENDIUM OF THE MEASUREMENTS
OF RELATIVE POWER AS A FUNCTION
OF TIME. J.E. Perry. April 1, 1957.
65p.

1. Greenhouse
 2. Tumbler-Snapper
 3. Ivy
 4. Castle
 5. Teapot
 6. Atomic Explosions
--Measurement
- I. Personal Author
 - II. Corp. Author
 - III. RD 00703

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Rand Corporation
Rand Sunshine Project Conference
December 16, 17, 18, 1953 at
Santa Monica, California.
Dec. 30, 1953 36p.

Sent on loan basis

- RM-1175-AEC
- Rand Corp.
- 1. Sunshine
- 2. Mike Burst—
Fall Out
- 3. Castle
- 4. Fall Out
- 5. Long Range
Detection
- 6. Radio Chemical
Detection
(Weapon)

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Tempo-B7951-01 (Rpt:Secret/RD)
Joint Task Force SEVEN.
RADIOLOGICAL SAFETY, OPERATION CASTLE,
SPRING 1954 : VOLUME I : FINAL REPORT . [1954].
445 p.

Cd:Unclassified

- I. Corp. Auth.
- 1. Castle
- 2. Atomic explosions--
Radiation effects
- 3. Fall-out--
Determination

3-27-86
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c.002-I

N5

Tempo-B7951-02 (Rpt:Secret/RD)
Joint Task Force SEVEN.
RADIOLOGICAL SAFETY, OPERATION CASTLE,
SPRING 1954 : VOLUME II : FINAL REPORT.
[1954]. 315 p.

Cd:Unclassified

- I. Corp. Auth.
- 1. Castle
- 2. Atomic explosions--
Radiation effects
- 3. Fall-out--
Determination

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Wright Air Development Center.
Aircraft Lab., Wright-Patterson,
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AN ANALYTICAL EXPRESSION FOR TEMPERA-
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Cason, Charles M January, 1956
38p.

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SHIP COUNTERMEASURES. OPER-
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Molumphy and M. M. Bigger. October
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1. Castle
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 - I. Authors (2)
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1. Fall-Out
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GROUND-MOTION STUDIES ON OPERATIONS IVY
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Perret, W R Feb., 1955 60p.

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Operation Castle.
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Operation Castle, March -
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Directorate of
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Tests
1. Castle--Elast
Measurements
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Measurements
(Free Air)
3. Castle--
Detection

(Cont'd on card 2)

IOC-1

card 2

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- 4. Castle--Effects Experiments
- 5. Castle--Diagnostic Experiments
- 6. Castle--Thermal Radiation
- 7. Castle--Instrumentation
- 8. Long Range Detection



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PHENOMENA MEASUREMENTS BY
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PRELIMINARY REPORT. PROJECTS
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Weapons Effects
Tests
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Measurements
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(Free Air)
- 3. Castle--
Detection

(Cont'd on card 2)

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card 2

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- 4. Castle--Effects Experiments
- 5. Castle--Diagnostic Experiments
- 6. Castle--Thermal Radiation
- 7. Castle--Instrumentation
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Eklund, et al Dec. 7, 1955
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Tests:

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Measurements
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Measurements
(Free Air)
3. Castle--
Detection

(Cont'd on card 2)

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4. Castle--Effects Experiments
5. Castle--Diagnostic Experiments
6. Castle--Thermal Radiation
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8. Long Range Detection



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- 4. Castle--Effects Experiments
- 5. Castle--Diagnostic Experiments
- 6. Castle--Thermal Radiation
- 7. Castle--Instrumentation
- 8. Long Range Detection

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Lynch, D E Jan. 21, 1955 41p.

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Army Signal Engineering Labs., Fort
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R. H. Dempsey, R. G. Larrick, G. A.
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III. Air Force. Joint
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Measurements
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Measurements
(Free Air)
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Detection

(Cont'd on card 2)

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IOC-1

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- 4. ~~Castle--Effects Experiments~~
- 5. ~~Castle--Diagnostic Experiments~~
- 6. ~~Castle--Thermal Radiation~~
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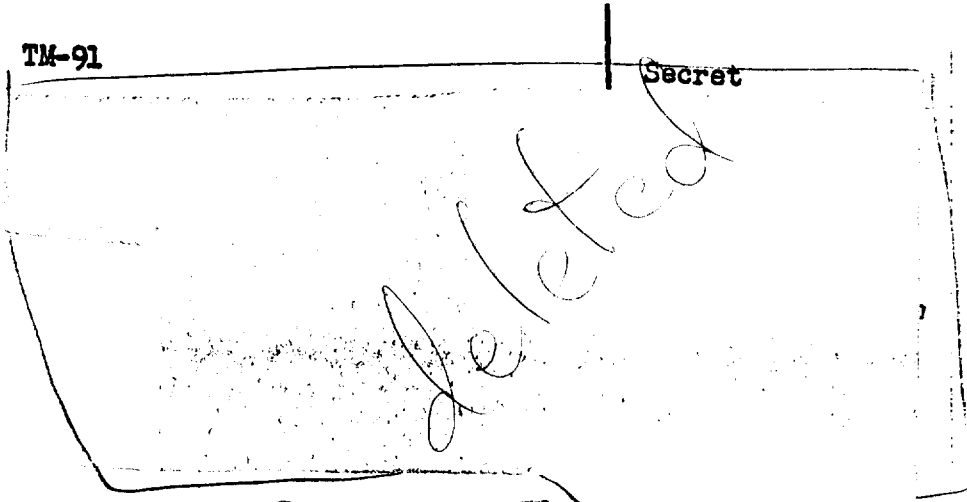
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V: Detectors.
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Dec. 1953 77p.

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- XI. Waddell, Freeman J
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 - II. Richardson, Ralph
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S. B. Smith August 1951 113 pp

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2. Greenhouse--
Sampling
3. Jangle--Base
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Effects
2. Eyes--Effects
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3. Hair--Effects
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CD: UNCLASS.

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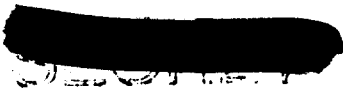
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2. Buster Burst
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Fire
3. Buster Burst C - Ball of Fire
4. Buster Burst E - Ball of Fire
5. Dog Burst - Ball of Fire
6. Easy Burst - Ball of Fire
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7. Easy Burst--Ball of Fire
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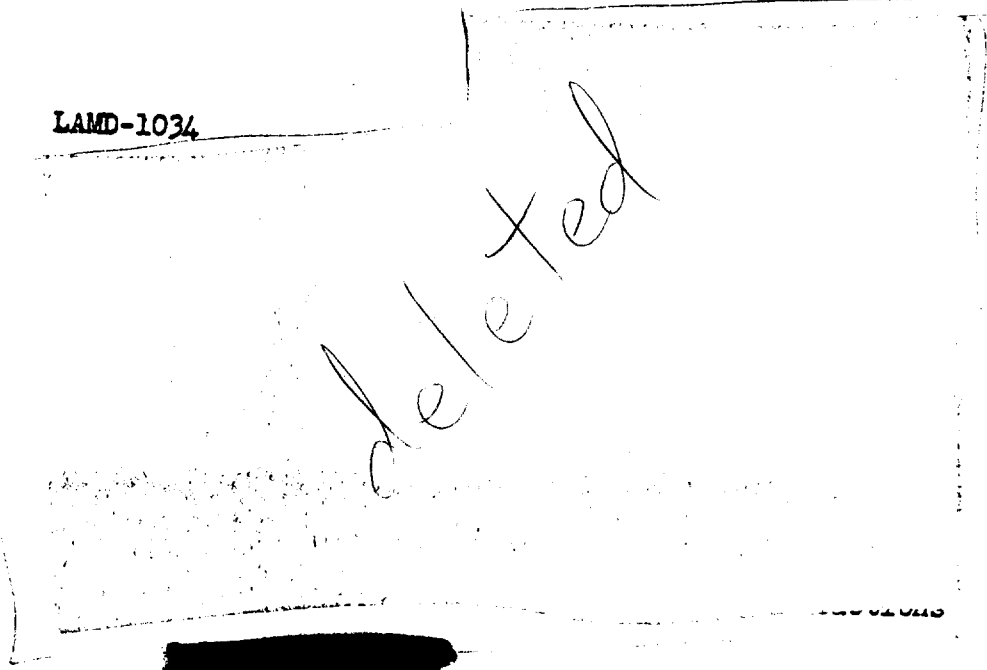
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4. AE - Gamma Emission
5. AE - Medical Effects
6. AE - Neutron Emissions
7. AE - Prompt Radiation
8. AE - Residual Radiation

9. AE - Thermal Radiation

LAMD-923

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- 11. Blast Waves
- 12. Eniwetok - Maps
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The necessity for and value of
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Darol Froman August 28, 1953
24p.

Auth. No. CX-827-14A

LAMD-1186

LASL.

Calif. U. Radiation
Lab. Livermore Site

Froman, Darol F

1. Pacific Proving
Grounds

2. Nevada Proving
Grounds

3. Sandstone

4. Ranger

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LAMD-1186

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5. Greenhouse

6. Buster

7. Tumbler-Snapper

8. Upshot-Knothole

9. Ivy

10. Castle

11. X-Ray Burst

12. Yoke Burst

13. Zebra Burst

14. Able Burst

15. Baker Burst

16. Easy Burst

17. Buster Burst A

18. Dog Burst

19. George Burst

20. Item Burst

21. Charlie Burst

22. Ranger Burst A

23. Ranger Burst B

24. Ranger Burst B₂

25. Ranger Burst E

26. Ranger Burst F

27. Buster

Burst B

28. Buster

Burst C

29. Buster

Burst D

30. Buster

Burst E

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card 3)

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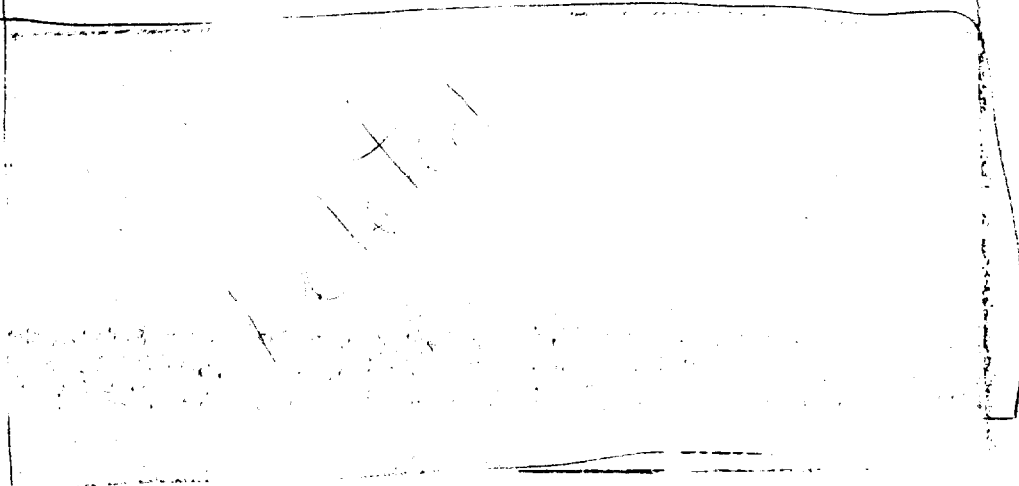
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- J-7-35
- J-7-37
- J-7-585
- SD-367
- SD-221
- SD-220
- SD-179
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J-627	J-714	SD-452	SD-934
J-628	J-706	SD-452	SD-846
J-662	J-737	SD-621	SD-1058
J-663	J-729	SD-652	SD-945
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- 13. Greenhouse--Transit Time
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9. " - Effects Experiments
10. " - Instrumentation
11. " - Thermal Radiation
12. " - Total Gamma Radiation
13. " - Transit Time
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 9. Greenhouse--Effects Experiments
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 11. Greenhouse--Thermal Radiation
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Detection

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10. - Instrumentation
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12. - Total Gamma Radiation
13. - Transit Time
14. Neutrons - Detection + Measurement

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8. " - Diagnostic Experiments
9. " - Effects Experiments
10. " - Instrumentation
11. " - Thermal Radiation
12. " - Total Gamma Radiation
13. " - Transit Time
14. Neutrons - Detection & Measurement

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15. Structures--Blast
Damage
16. Thermal Radiation--
Detection &
Measurement
17. Total Gamma Radiation
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18. Greenhouse--Photo-
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2. Ganex
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DATA. REPORT NO. 1062. September 5, 1951.
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- 2. Blast Damage
- 3. Blast Measure-
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- 6. Greenhouse--
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3. Buster Burst C--Ball of Fire
 4. Buster Burst E--Ball of Fire
 5. Dog Burst--Ball of Fire
 6. Easy Burst--Ball of Fire
 7. George Burst--Ball of Fire
 8. Item Burst--Ball of Fire
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3. Greenhouse -
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- 5. Greenhouse
 - 6. Buster
 - 7. Tumbler-Snapper
 - 8. Upshot-Knothole
 - 9. Ivy
 - 10. Castle
 - 11. X-Ray Burst
 - 12. Yoke Burst
 - 13. Zebra Burst
 - 14. Able Burst
 - 15. Baker Burst
 - 16. Easy Burst
 - 17. Buster Burst A
 - 18. Dog Burst
 - 19. George Burst
 - 20. Item Burst
 - 21. Charlie Burst
 - 22. Ranger Burst A
 - 23. Ranger Burst B
 - 24. Ranger Burst B₂
 - 25. Ranger Burst E
 - 26. Ranger Burst F
 - 27. Buster Burst B
 - 28. Buster Burst C
 - 29. Buster Burst D
 - 30. Buster Burst E
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- 31. Tumbler-Snapper Burst 1
 - 32. Tumbler-Snapper Burst 2
 - 33. Tumbler-Snapper Burst 3
 - 34. Tumbler-Snapper Burst 4
 - 35. Tumbler-Snapper Burst 5
 - 36. Tumbler-Snapper Burst 6
 - 37. Tumbler-Snapper Burst 7
 - 38. Tumbler-Snapper Burst 8
 - 39. Mike Burst
 - 40. King Burst
 - 41. Upshot-Knothole Annie
 - 42. Upshot-Knothole Badger
 - 43. Upshot-Knothole Cliffax
 - 44. Upshot-Knothole Dixie
 - 45. Upshot-Knothole Grable
 - 46. Upshot-Knothole Harry
 - 47. Upshot-Knothole Encore
 - 48. Upshot-Knothole Nancy
 - 49. Upshot-Knothole Ray
 - 50. Upshot-Knothole Ruth
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24p.

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 3. Sandstone
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Auth. No. CX-827-14A

- Greenhouse--Cloud Formation
- 8. Greenhouse--Diagnostic Experiments
- 9. Greenhouse--Effects Experiments
- 10. Greenhouse--Instrumentation
- 11. Greenhouse--Thermal Radiation
- 12. Greenhouse--Total Gamma Radiation
- 13. Greenhouse--Transit Time
- 14. Neutrons--Detection & Measurement

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- 16. Thermal Radiation--Detection & Measurement
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 - 2. Ranger-- Radiochemical Analysis
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Feb. 18, 1954 16p.

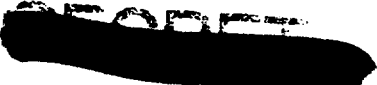
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- 1. Teller Light-- Spectroscopy
- 2. Greenhouse-- Spectroscopy
- I. Drummeter, Louis F Jr.
- II. Naval Research Lab.
- III. S-3760-140/54 hm
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17 pp

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Greenhouse

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3. Eastman High
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6. Dog Burst--Ball of Fire
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60 pp

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3. Blast Measurements
4. Eniwetok
5. Greenhouse--
"Alpha"
Measurements
6. Greenhouse--
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8. " - Diagnostic Experiments
9. " - Effects Experiments
10. " - Instrumentation
11. " - Thermal Radiation
12. " - Total Gamma Radiation
13. " - Transit Time
14. Neutrons - Detection &
Measurement

15. Structures--Blast
Damage
16. Thermal Radiation--
Detection &
Measurement
17. Total Gamma Radiation
--Detection &
Measurement
18. Greenhouse--Photo-
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Apparatus and methods for the
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G.E. Davis

2 October 1952

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Naval Research Lab., Wash., D.C.
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EXTERNAL NEUTRON AND GAMMA
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 - I. Authors (2)
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John C. Allred, Donald Davis Phillips,
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46 pp

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Experiments

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1. Ganex
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The overall Dinex-Ganex
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E. H. Krause December 1, 1950
99 pp

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Greenhouse
1. Dinex
2. Ganex
3. Greenhouse -
Instrumentation
4. Greenhouse
Diagnostic
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WD-Family

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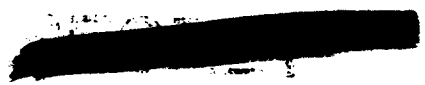
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WD-Family

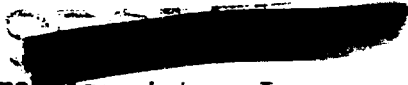
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- 8. Time-of-Flight Experiments
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Zwemer and Fink Jan. 8, 1953 55p.

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Zwemer, Howard A
Fink, Daniel J
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2. Airplane B-47B
Effects Experiment
3. Airplane B-52--
Effects Experiment
4. King Burst
5. Mike Burst

Auth. No. OA-XXVIII-1443-1A c.5B
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Biggers, Wendell
Brown, Harold
Brown, Leon J
Browne, Charles I
Byerly, Paul
Cowan, George A
Cox, Arthur N
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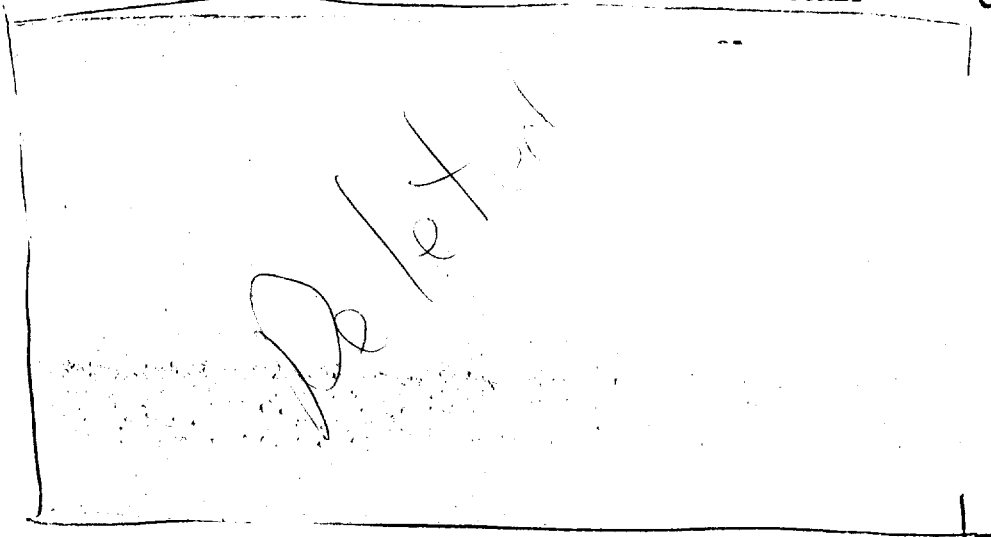
Augh. No. XXVIII-1440-20A

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 OPERATION IVY. MIKE AND KING
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 PICTURE). 1952. Prepared by Lookout
 Mountain Laboratory for Los Alamos
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~~sd.~~, color, 16 mm.

1. Ivy, Project 21
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 Reel I: 29 min., sd., color, 16 mm.
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Order #1-52. Appendix 1 to Amex I.
S.W. Burriss 26 Oct. 1952 13 pp

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Present status of Ivy experimental
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W. E. Ogle 30 January 1952 14 pp

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Ogle, William E
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2. Ivy--Blast
3. Ivy--Diagnos-
tic Experi-
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4. Ivy--Effects
Experiments
5. Ivy--Instru-
mentation

LAMD-1186

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Los Alamos Scientific Laboratory
California. University. Radiation
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The necessity for and value of
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Darol Froman August 28, 1953
24p.

LAMD-1186
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Calif. U. Radiation
Lab. Livermore Site
Froman, Darol F
1. Pacific Proving
Grounds
2. Nevada Proving
Grounds
3. Sandstone
4. Ranger
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Auth. No. CX-827-14A

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| 5. Greenhouse | 16. Easy Burst | 27. Buster |
| 6. Buster | 17. Buster Burst A | Burst B |
| 7. Tumbler-Snapper | 18. Dog Burst | 28. Buster |
| 8. Upshot-Knothole | 19. George Burst | Burst C |
| 9. Ivy | 20. Item Burst | 29. Buster |
| 10. Castle | 21. Charlie Burst | Burst D |
| 11. X-Ray Burst | 22. Ranger Burst A | 30. Buster |
| 12. Yoke Burst | 23. Ranger Burst B | Burst E |
| 13. Zebra Burst | 24. Ranger Burst B2 | |
| 14. Able Burst | 25. Ranger Burst E | (Cont'd on |
| 15. Baker Burst | 26. Ranger Burst F | card 3) |

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JUN 16 1994

TWG-112 (Report: SECRET) Card: CONFIDENTIAL-RD
Theoretical Weapons Group
MINUTES OF THE ONE-HUNDRED-
SIXTH MEETING, MAY 6, 1965.
Foster Evans. May 18, 1965. 17p.

- I. Author (1)
- II. Corp. Auth.
 - 1. Wagtail Burst
 - 2. Auk Burst
 - 3. Scampi Burst
 - 4. Stilt Burst
 - 5. Sienna Burst
 - 6. Mike Burst
 - 7. Par Burst
 - 8. Barbel Burst

6-1-65

Nil

UPSHOT HANDBOOK

~~SECRET~~ SECRET

Los Alamos Scientific Laboratory
A handbook for the diagnostic
experiments of Operation Upshot.
Programs 10-20.
L.B. Seely ed 1 Feb. 1953 148p.
Auth. No. XXVIII-1416

UPSHOT HANDBOOK
LASL
Seely, Leslie B ed.
Biggers, Wendell A
Cowan, George A
England, Robert D
Felt, Gaelen L
Malik, John S
Ogle, William E
Partridge, Ralph E
Phillips, Donald D
Seacord, Daniel F
Smith, Newell H

(Cont'd on card 2)

15. Mile Burst

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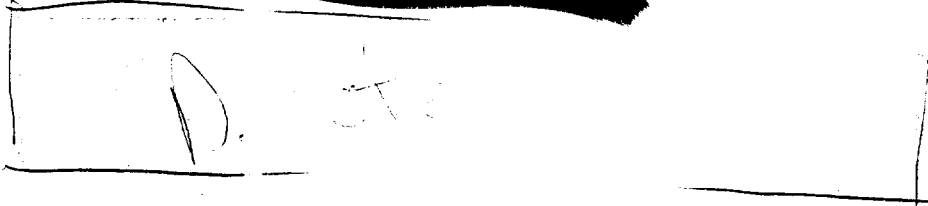
USNRDL-TR-70

SECRET

Naval Radiological Defense Lab.
HEAVY NUCLIDE ANALYSES PERFORMED ON
SAMPLES FROM SHOTS 4 AND 5 AT OPERATION
CASTLE.

Wish, et al November 29, 1955
21p.

- 1. Union Burst
- 2. Yankee Burst
- 3. Mike Burst
- 4. ~~Fall-Out~~
Analysis
- 5. Transuranium
Elements--
Production
 - I. Freiling, E C
 - II. Rowell, M
 - III. Wish, L
 - IV. Naval Radiologi-
cal Defense Lab.



022

J-15207

WD-Family

Secret

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part III - General activity of
TG 132.1.
n. d. 123 pp

- J-15207
Joint Task Force 132
1. Ivy--Administration and Orgnaization
 2. King Burst--Administration & Organization
 3. Mike Burst--Administration & Organization

J-15206

WD-Family

Secret

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part II - Summary of experimental
programs.
n. d. 17 pp

- J-15206
Joint Task Force 132
1. Ivy--"Alpha" Measurement
 2. Ivy--Diagnostic Experiments
 3. Ivy--Effects Experiments
 4. Ivy--Blast
 5. Ivy--Thermal Radiation

(Cont'd on card ?)

J-15206

WD-Family

Secret

JUN 16 1994

- 6. Ivy--Transit Time
- 7. King--"Alpha"
Measurement
- 8. King Burst --Diagnostic
Experiments
- 9. King Burst --Diagnostic
Experiments
- 10. King Burst-- Blast
- 11. King Burst --Thermal
Radiation
- 12. King Burst--Transit
Time
- 13. Mike Burst--"Alpha"
Measurement

(cont'd on card 2)

3

J-15206

WD-Family

Secret

- 14. Mike Burst--Diagnos
Experiments
- 15. Mike Burst--Effects
Experiments
- 16. Mike Burst--Blast
- 17. Mike Burst--Therma
Radiation

NRL-RD-234

Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).

n.d. 276p.

Secret

- NRL-RD-234
Naval Research Lab.
- 1. Ivy--Diagnostic
Experiments
- 2. Mike Burst--
Diagnostic
Experiments
- 3. Mike Burst--"Alpha"
Measurements
- 4. Mike Burst--
Gamma Reactions

EG & G-1082

Secret

JUN 10 1994

Edgerton, Germeshausen &
Grier, Inc.
Ivy fireball diameter-time
characteristics.
26 Feb. 1953 28 pp

EG&G-1082
Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1086
1. Ball of Fire
--Photographic
Analysis
2. King Burst
--Ball of
Fire

(Cont'd on card 2)

EG&G-1082

2

Secret

3. Mike Burst
--Ball of
Fire
4. King Burst
--Yield
5. Mike Burst--Yield
6. Ivy--Ball
of Fire
7. Ivy--Yield

EG&G-1083

Secret

Edgerton, Germeshausen & Grier,
Inc.
IVY - Project 3.1. Fireball
diameter - time characteristics.
Measurement and calculation sheets.
Feb. 26, 1953 58 pp

EG&G-1083
Edgerton,
Germeshausen
& Grier, Inc.
EG&G OUT-1087
1. Ball of Fire
--Photographic
Analysis
2. King Burst--
Ball of Fire

(cont'd on card 2)

JUN 16 1994

- 3. King Burst
--Yield
- 4. Mike Burst--
Ball of Fire
- 5. Mike Burst--
Yield
- 6. Ivy--Yield
- 7. Ivy --Ball of
Fire

EG&G-OUT-1517 Vol.2

Secret

Edgerton, Germeshausen & Grier, Inc.
Ivy film data sheet catalog. Mike
Shot. Volume 2 of 2 volumes.
24 February 1954 87p.

- EG&G-OUT-1517,
Vol.2
Edgerton,
Germeshausen &
Grier, Inc.
- 1. Mike Burst--
Yield
 - 2. Mike Burst--
Ball of Fire
 - 3. Ivy

EG&G-OUT-1666

SECRET

Edgerton, Germeshausen & Grier, Inc.
ILLUSTRATIONS OF THE SHAPE OF
THE RADIATING FIREBALL.
25 October 1954 5p.

- 1. King Burst--
Ball of Fire
- 2. Union Burst--
Ball of Fire
- 3. Mike Burst--
Ball of Fire
- 4. Romeo Burst--
Ball of Fire
- 5. Bravo Burst--
Ball of Fire
- I. Edgerton,
Germeshausen &
Grier, Inc.

II. EG&G-1163

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TM-94

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Joint Task Force 132
 Report of the Commander, Task
 Group 132.1 on Operation Ivy.
 Part II - Summary of experimental
 programs.
 n. d. 17 pp

- J-15206
 Joint Task Force
 132
1. Ivy--"Alpha"
Measurement
 2. Ivy--Diagnostic
Experiments
 3. Ivy--Effects
Experiments
 4. Ivy--Blast
 5. Ivy--Thermal
Radiation

(Cont'd on card 2)

J-15206

WD-Family

Secret

6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnostic
Experiments
9. King Burst --Diagnostic
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
Radiation
12. King Burst--Transit
Time
13. Mike Burst--"Alpha"
Measurement

(cont'd on card 2)

J-15206

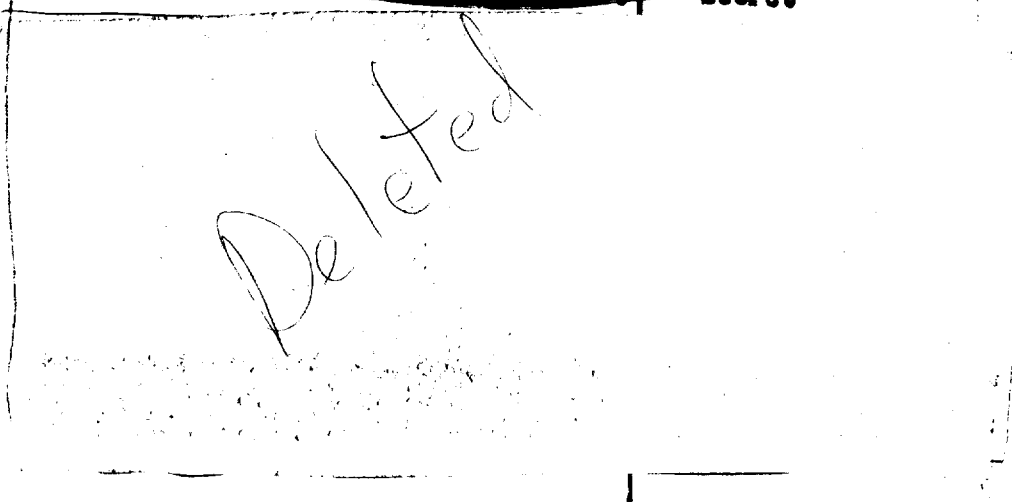
WD-Family

Secret

14. Mike Burst--Diagnostic
Experiments
15. Mike Burst--Effects
Experiments
16. Mike Burst--Blast
17. Mike Burst-- Thermal
Radiation



JUN 16 1994



DSE

C2-38529

Air Research & Development Command
Effects of superweapons upon the
climate of the world. A second
study, November 1952.
N. M Lulejian 12 Dec. 1952 11 pp

Secret

C2-38529

Air Research &
Development
Command

Lulejian, N M

- 1. Atomic Cloud Rise
- 2. Atomic Explosions
- 3. Climatology
- 4. Mike Burst--
Cloud Rise
- 5. Thermonuclear
Explosions

EG&G-OUT-1555

Edgerton, Germeshausen & Grier, Inc.
Cloud and stem phenomena.
Operation Ivy.
April 23, 1954 44p.

Secret

EG&G-OUT-1555

Edgerton,
Germeshausen &
Grier, Inc.

EG&G-1136

- 1. Ivy
- 2. Mike Burst--
Cloud Formation
- 3. Mike Burst--
Cloud Rise
- 4. King Burst--
Cloud Formation

- 5. King Burst--
Cloud Rise





JUN 16 1994

Ballistics Research Labs.
TNT equivalent of nuclear
explosions effective in
crater formation.
B. Perkins, Jr. April, 1954
12p.

BRL-MR-775-RD
Ballistic Research
Labs.
Perkins, B Jr.
1. Jangle S Burst--
Crater Formation
2. Jangle U Burst--
Crater Formation
3. Mike Burst--
Crater Formation
4. Surface Bursts--
Crater Formation

5. Surface Explosions--
Crater Formation

J-15206

WD-Family

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part II - Summary of experimental
programs.
n. d. 17 pp

(Cont'd on card 2)

Secret

J-15206
Joint Task Force
132
1. Ivy--"Alpha"
Measurement
2. Ivy--Diagnostic
Experiments
3. Ivy--Effects
Experiments
4. Ivy--Blast
5. Ivy--Thermal
Radiation

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WD-Family

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Secret

6. Ivy--Transit Time
7. King--"Alpha"
Measurement
8. King Burst --Diagnosti
Experiments
9. King Burst --Diagnost
Experiments
10. King Burst-- Blast
11. King Burst --Thermal
Radiation
12. King Burst--Transit
Time
13. Mike Burst--"Alpha"
Measurement



JUN 16 1994

J-15206

WD-Family

Secret

- 14. Mike Burst--Diagnost
Experiments
- 15. Mike Burst--Effects
Experiments
- 16. Mike Burst--Blast
- 17. Mike Burst-- Thermal
Radiation

J-16561 (Report: SECRET) (Card: CONFIDENTIAL RD)

Edgerton, Germeshausen & Grier, Inc.
 [TIME SIGNALS FROM EDGERTON, GERMESHAUSEN
 & GRIER SEQUENCE TIMER ON THE MIKE
 AND KING BURSTS.]
 n.d. 48p.

- 1. Mike Burst--
Diagnostic
Experiments
- 2. King Burst--
Diagnostic
Experiments
- I. Edgerton,
Germeshausen
& Grier,
Inc.
- II. Los Alamos
Scientific Lab.

NRL-3990

Naval Research Laboratory
 Monthly progress report for
 the period from 10 March to 10
 April 1952.
 E. H. Krause April 18, 1952
 13 pp

Secret

- NRL-3990
 Naval Research
 Lab.
 Krause, E H
- 1. Ivy--
Instrument-
ation
 - 2. Mike Burst--
Diagnostic
Experiments



Naval Research Laboratory
Ivy diagnostic experiments.
Volume III: Experiments,
results and analysis Mike,
Part II.
E.H. Krause June 1953 160p.

NRL-4154
Naval Research Lab.
Krause, E H
1. Ivy
2. Mike Burst--
Diagnostic
Experiments

NRL-LA-3

WD-Family

Secret

Naval Research Laboratory
(IvyData.)
E.H. Krause December 19, 1952
17 pp

NRL-LA-3
Naval Research Lab.
Krause, E H
1. Ganex
2. Tenex
3. Mike Burst--
Diagnostic Experi-
ments
4. Neutrons--Detection
& Measurements
5. Thermonuclear
Diagnostic Experi-
ments

(Cont'd on card 2)

NRL-LA-3

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WD-Family

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NRL-RD-234

Secret

Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).
n.d. 276p.

- NRL-RD-234
Naval Research Lab.
1. Ivy--Diagnostic Experiments
 2. Mike Burst--Diagnostic Experiments
 3. Mike Burst--"Alpha" Measurements
 4. Mike Burst--Gamma Reactions

J-15206

WD-Family

Secret

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part II - Summary of experimental
programs.
n. d. 17 pp

- J-15206
Joint Task Force
132
1. Ivy--"Alpha" Measurement
 2. Ivy--Diagnostic Experiments
 3. Ivy--Effects Experiments
 4. Ivy--Blast
 5. Ivy--Thermal Radiation

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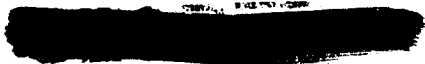
J-15206

WD-Family

Secret

6. Ivy--Transit Time
7. King--"Alpha" Measurement
8. King Burst --Diagnostic Experiments
9. King Burst --Diagnostic Experiments
10. King Burst-- Blast
11. King Burst --Thermal Radiation
12. King Burst--Transit Time
13. Mike Burst--"Alpha" Measurement

(cont'd on card 2)



JUN 8 1994

J-15206

WD-Family

Secret

- 14. Mike Burst--Diagnost. Experiments
- 15. Mike Burst--Effects Experiments
- 16. Mike Burst--Blast
- 17. Mike Burst-- Thermal Radiation

C3-36417

Air Research and Development
 Command
 Radioactive fall-out from
 atomic bombs.
 N.M. Lulejian Nov. 1953 70p.

Secret

- C3-36417
 Air Research &
 Development
 Command
 Lulejian, N M
- 1. Tumbler
 Snapper--
 Fall Out
 - 2. Upshot-Knothole
 --Fall Out
 - 3. Mike--Fall Out
 - 4. Fall Out

CRLR-112

Chemical & Radiological Labs.
 Fall-out studies on Eniwetok
 Atoll. Special report.
 Bouton and Wilsey 2 March 1953
 39 pp

Secret

- CRLR-112
 Chemical &
 Radiologi-
 cal Labs.
 Bouton, Edward F
- 1. Eniwetok
 - 2. Mike Burst--
 Fall Out
 - 3. King Burst--
 Fall Out
 - 4. Ivy

Wilsey,
 Edward F.



JUN 16 1994

NYO-4555

Secret

Weather Bureau

A meteorological analysis of the transport of debris from Operation Ivy.

L.F. Hubert, et al Oct. 30, 1953
155p.

NYO-4555

Weather Bureau
Hubert, Lester F

Machta, Lester
List, Robert J

1. Ivy
2. Mike Burst--
Fall Out
3. King Burst--
Fall Out

NYO-4571

Secret

New York Operations Office
Project Sunshine progress
from September 1953 to
January 4, 1954.

January 8, 1954 92p.

NYO-4571

New York Operations
Office

1. Fall Out
2. Mike Burst--
Fall Out
3. Strontium
Isotopes

RM-1175-AEC

Secret

Rand Corporation

Rand Sunshine Project Conference
December 16, 17, 18, 1953 at
Santa Monica, California.

Dec. 30, 1953 36p.

Sent on loan basis

RM-1175-AEC

Rand Corp.

1. Sunshine
2. Mike Burst--
Fall Out
3. Castle
4. Fall Out
5. Long Range
Detection
6. Radio Chemical
Detection
(Weapon)

RM-1177

~~SECRET~~

Secret

JUN 16 1994

Rand Corporation
Residual gamma radiation
from surface nuclear
explosions.
F.J. Krieger 7 Jan. 1954
5p. 3 fig.

RM-1177
Rand Corp.
Krieger, F J
1. Mike Burst
--Fall Out
2. Mike Burst--
Gamma Radiation
3. Jangle S Burst
--Fall Out
4. Jangle S Burst
--Gamma Radiation

USNRDL-408

Secret

Naval Radiological Defense Lab.
The nature of individual radio-
active particles. II. Fall-out
particles from M-Shot. Operation
Ivy.
C.E. Adams 1 July 1953 21p.

USNRDL-408
Naval Radiological
Defense Lab.
Adams, C E
1. Fall Out
2. Ivy
3. Mike Burst--
Fall Out

NRL-RD-234

Secret

Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).
n.d. 276p.

NRL-RD-234
Naval Research Lab.
1. Ivy--Diagnostic
Experiments
2. Mike Burst--
Diagnostic
Experiments
3. Mike Burst--"Alph"
Measurements
4. Mike Burst--
Gamma Reactions

~~SECRET~~

JUN 16 1994

WT-647 (Report: SECRET)

Air Force, Wash., D.C.
DISPERSION OF GASEOUS DEBRIS
FROM NUCLEAR EXPLOSIONS.
OPERATION IVY--PROJECT 7.5.
Philip W. Allen. March 3, 1958. 27p.

- 1. Ivy. Project 7.5
- 2. Mike Burst--
Fall-Out
- 3. King Burst--
Fall-Out
- I. Personal Author
- II. Corp. Author

N6

NRL-RD-234

Naval Research Laboratory
Ivy diagnostic experiments.
Mike - Volume I. (Working
Paper).
n.d. 276p.

Secret

- NRL-RD-234
Naval Research Lab.
- 1. Ivy--Diagnostic
Experiments
 - 2. Mike Burst--
Diagnostic
Experiments
 - 3. Mike Burst--"Alph
Measurements
 - 4. Mike Burst--
Gamma Reactions

J-15144

WD-Family

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part I - Detonations - A
description of the devices tested.
n. d. 5 pp

Secret

- J-15144
Joint Task Force
132
- 1. Deuterium-
Tritium Therm-
onuclear
Gadgets
 - 2. Ivy
 - 3. King Burst--
Materials
 - 4. King Burst--
Yield

(Cont'd on card 2)

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SECRET

JUN 16 1994

Secret

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TM-85 WD-Family

Secret

Los Alamos Scientific Laboratory
Preliminary analysis of radiochemical
data from Shot Mike.
Bethe and de Hoffmann Dec. 5, 1952
13 pp

TM-85
LASL
Bethe, Hans
& Hoffmann,
Frederic
1. Mike Burst
--Mathematical
Analysis--
2. Ivy--
Mathematical Analysis

EG&G-OUT-1653

SECRET

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS REPORT FOR THE MONTH
OF JULY, 1954. CONTRACT NO.
AT(29-1)-1183.
30 July 1954 23p.

1. Castle--Photography
2. Mike Burst--
Photography
3. King Burst--
Photography
4. Yankee Burst--
Photography
5. Union Burst--
Photography
6. Romeo Burst--
Photography
7. Bravo Burst--
Photography

(Cont'd on card 2)

JUN 16 1995

- 8. Echo Burst—
Photography
- 9. Nectar Burst—
Photography
- 10. Koon Burst—
Photography
- 11. Ivy
- 12. Wigwam
- I. Edgerton,
Germeshausen &
Grier, Inc.

CRLR-105

Secret

Chemical & Radiological Labs.
 Cloud sampling techniques using
 snap samplers. Special report.
 M.J. Schumchyk 16 Feb. 1953
 21 pp

- CRLR-105
 Chemical &
 Radiological
 Labs.
 Schumchyk,
 Michael J.
- 1. Ivy
 - 2. Mike Burst—
Radioautography
 - 3. King Burst—
Radioauto-
graphy

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2)

CRLR-105

2

Secret

- 4. Mike Burst
--Sample
Collection
- 5. King Burst--
Sample Collect-
ion
- 6. Nuclear
Particles

JUN 16 1994

J-15206

WD-Family

Secret

Joint Task Force 132
Report of the Commander, Task
Group 132.1 on Operation Ivy.
Part II - Summary of experimental
programs.

n. d. 17 pp

(Cont'd on card 2)

- J-15206
- Joint Task Force 132
- 1. Ivy--"Alpha" Measurement
- 2. Ivy--Diagnostic Experiments
- 3. Ivy--Effects Experiments
- 4. Ivy--Blast
- 5. Ivy--Thermal Radiation

J-15206

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WD-Family

Secret

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- 6. Ivy--Transit Time
- 7. King--"Alpha" Measurement
- 8. King Burst --Diagnostic Experiments
- 9. King Burst --Diagnostic Experiments
- 10. King Burst-- Blast
- 11. King Burst --Thermal Radiation
- 12. King Burst--Transit Time
- 13. Mike Burst--"Alpha" Measurement

J-15206

3
WD-Family

Secret

- 14. Mike Burst--Diagnostic Experiments
- 15. Mike Burst--Effects Experiments
- 16. Mike Burst--Blast
- 17. Mike Burst-- Thermal Radiation

EG & G-1082



Secret

JUN 16 1994

Edgerton, Germeshausen &
Grier, Inc.

Ivy fireball diameter-time
characteristics.

26 Feb. 1953 28 pp

(Cont'd on card 2)

EG&G-1082

Edgerton,
Germeshausen
& Grier, Inc.

EG&G OUT-1086

1. Ball of Fire
--Photographic
Analysis
2. King Burst
--Ball of
fire

EG&G-1082

2

Secret

3. Mike Burst
--Ball of
Fire
4. King Burst
--Yield
5. Mike Burst--Yield
6. Ivy--Ball
of Fire
7. Ivy--Yield

EG&G-1083

Edgerton, Germeshausen & Grier,
i Inc.

IVY - Project 3.1. Fireball
diameter - time characteristics.
Measurement and calculation sheets.

Feb. 26, 1953 58 pp

(cont'd on card 2)

Secret

EG&G-1083

Edgerton,
Germeshausen
& Grier, Inc.

EG&G OUT-1087

1. Ball of Fire
--Photographic
Analysis
2. King Burst--
Ball of Fire

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JUN 16 1961

- 3. King Burst
--Yield
- 4. Mike Burst--
Ball of Fire
- 5. Mike Burst--
Yield
- 6. Ivy--Yield
- 7. Ivy --Ball of
Fire

EG&G-OUT-1517 Vol.2

Secret

Edgerton, Germeshausen & Grier, Inc.
Ivy film data sheet catalog. Mike
Shot. Volume 2 of 2 volumes.
24 Febfuary 1954 87p.

- EG&G-OUT-1517,
Vol.2
Edgerton,
Germeshausen &
Grier, Inc.
- 1. Mike Burst--
Yield
 - 2. Mike Burst--
Ball of Fire
 - 3. Ivy



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J-15144

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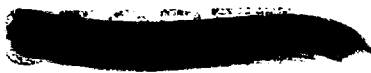
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JUN 16 1994

UCRL-50722	(Rpt: S-RD)	Cd: UNCLASSIFIED	
California. Univ., Livermore.	Lawrence	I. Author (1)	
Radiation Lab.		II. Corp. Auth.	
DATA BOOK - TYG D EVENT OF OPERATION		1. <u>Fig. Burst</u>	
BOWLINE (U). J. Ewing. July 25, 1969.			
15p.			

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UCRL-5969 (Report: SECRET) Card: CONFIDENTIAL RD

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TM-213 (Report: SECRET)

Los Alamos Scientific Lab. T-Div.
REMARKS ON CACTUS-ELDER
DIAGNOSTICS. Ralph E. Williamson.
March 20, 1959. 11p.

- 1. Cactus Burst
- 2. Elder Burst
- I. ~~Personal Author~~
- II. Corp. Author

JUN 16 1994

N5

EG&G-B-1828 (Report: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.
FIREBALL YIELD CALCULATIONS.
HARDTACK - ELDER, PROJECT 15.1.
July 6, 1958. 35p.

- 1. Hardtack.
Project 15.1
- 2. Elder Burst--
~~Ball of Fire~~
- I. ~~Corp. Author~~

N4

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9/62

ITR-1612-1 (Report: SECRET)



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JUN 16 1994

Ballistic Research Labs., Aberdeen Proving Ground, Md.
AIR-BLAST PHENOMENA AND INSTRUMENTATION OF STRUCTURES. OPERATION HARDTACK - PROJECT 1.7.
J. J. Meszaros, R. E. Reisler, E. G. Schwartz, J. G. Schmidt, D. P. Le Fevre, and R. C. Wise. Aug. 15, 1958. 160p.

- 1. Hardtack. Project 1.7
- 2. Cactus Burst
- 3. Koa Burst
- 4. Blast Waves
- 5. Structures--Effects of Blast
 - I. Authors (6)
 - II. Corp. Author

N13

ITR-1626-1 (Report: SECRET)

Naval Civil Engineering, Research and Evaluation Lab., Port Hueneme, Calif.
RESPONSE OF EARTH-CONFINED FLEXIBLE-ARCH-SHELL STRUCTURES IN HIGH-OVERPRESSURE REGION. OPERATION HARDTACK - PRELIMINARY REPORT, PROJECT 3.2. G. H. Albright, P. J. Rush, J. C. LeDoux, V. True and C. R. White. Sept. 5, 1958. 134p.

- 1. Hardtack. Project 3.2
- 2. Structures--Effects of Atomic Weapons
- 3. Koa Burst
- 4. Cactus Burst
- I. Authors (5)
- II. Corp. Author

N11

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N6



SECRET

JUN 16 1994

WT-1614 (Report: SECRET)

Air Force Special Weapons Center,
Kirtland AFB, N. Mex. and Illinois.
Univ., Urbana.
LOADING ON BURIED SIMULATED
STRUCTURES IN HIGH-OVERPRESSURE
REGIONS. OPERATION HARDTACK-
PROJECT 1.9. E. H. Bultmann, Jr.,
G. F. McDonough and G. K. Sinnamon.
May 3, 1961. 64p.

- 1. Hardtack.Project 1.9
- 2. Cactus Burst
- 3. Koa Burst
- 4. Effects Experi-ments
- I. Authors (3)
- II. Corp. Authors (2)

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EG&G-L-350 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas
ALPHA REQUIREMENTS FOR SHOT KOA
OF THE HARDTACK SERIES. February
28, 1958. 11p.

- 1. Koa Burst--
Instrumentation
- I. Corp. Author
- II. LV-03217

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ITR-1639 (Report: SECRET)

Army. Signal Research and Development
Lab., Fort Monmouth, N.J.
RADAR DETERMINATION OF FIREBALL
PHENOMENA. OPERATION HARDTACK
--PROJECT 6.5. E. Baker, T. Viars,
A. K. Harris, and I. A. Balton.
October 14, 1958. 36p.

1. Hardtack.
Project 6.5
 2. Butternut Burst--
Ball of Fire
 3. Koa Burst--Ball
of Fire
 4. Wahoo Burst--
Ball of Fire
 5. Teak Burst--Ball
of Fire
- I. Authors (4)
 - II. Corp.. Author

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UCRL-5452 (Report: SECRET) Card: CONFIDENTIAL RD

California. Univ., Livermore. Lawrence
Radiation Lab.
WEAPON DEVELOPMENT DURING
DECEMBER 1958. NUMBER 54. Jan.
16, 1959. 34p.

1. Neutron Total
Cross Sections
 2. Squaw (Calculation)
 3. Hardtack--Yield
 4. Willow
 5. Jonah
 6. Davy Crockett
 7. Weapon 47
 8. Fir Burst
 9. Starling
 10. Nozzles
 11. Silicon Coatings--
Thermal Properties
 12. Graphite--Coating
1. Corp. Author
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BID-A322 LTD ACCESS
Bendix Corporation. Kansas City Division.
VISUAL RESPONSE INDICATOR FOR BAR CODE
READER INPUT. FINAL REPORT. J.R. Harte.
July 1982. 19p.

- CD: Unclass.
- I. Auth.
- II. Corp. Auth.
 - 1. Optical Pattern Recognition—
Equipment and Supplies
 - 2. Product coding —Equipment and Supplies
 - 3. Bar Codes—
Equipment and Supplies
 - 4. Optical Scanners
 - 5. CACTUS

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ITR-1612-1 (Report: SECRET)

Ballistic Research Labs., Aberdeen Proving Ground, Md.
AIR-BLAST PHENOMENA AND INSTRUMENTATION OF STRUCTURES. OPERATION HARDTACK - PROJECT 1.7.
J.J. Meszaros, R.E. Reisler, E.G. Schwartz, J.G. Schmidt, D.P. Le Fevre, and R.C. Wise. Aug. 15, 1958. 160p.

- 1. Hardtack. Project 1.7
- 2. Cactus Burst
- 3. Koa Burst
- 4. Blast Waves
- 5. Structures--Effects of Blast
 - I. Authors (6)
 - II. Corp. Author

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ITR-1626-1 (Report: SECRET)

Naval Civil Engineering, Research and Evaluation Lab., Port Hueneme, Calif.
RESPONSE OF EARTH-CONFINED FLEXIBLE-ARCH-SHELL STRUCTURES IN HIGH-OVERPRESSURE REGION. OPERATION HARDTACK - PRELIMINARY REPORT, PROJECT 3.2. G. H. Albright, P. J. Rush, J. C. LeDoux, V. True and C. R. White. Sept. 5, 1958. 134p.

- 1. Hardtack. Project 3.2
 - 2. Structures--Effects of Atomic Weapons
 - 3. Koa Burst
 - 4. Cactus Burst
- I. Authors (5)
II. Corp. Author

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TM-213 (Report: SECRET)

Los Alamos Scientific Lab. T-Div.
REMARKS ON CACTUS-ELDER DIAGNOSTICS. Ralph E. Williamson. March 20, 1959. 11p.

- 1. Cactus Burst
 - 2. Elder Burst
- I. Personal Author
II. Corp. Author

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TWG-72-6 (Rpt.: S-RD)
Theoretical Weapons Group.
THEORETICAL WEAPONS GROUP MEETING
OF JUNE 22, 1972. Beverly A. Wellnitz.
and Robert N. Thorn. June 22, 1972.
16p.

Cd: UNCLASSIFIED
I. Auths. (2)
II. Corp. Auth.
1. Chessboard
2. COAX (Calculation)
3. AJO Burst
4. Zaza Burst
5. Cactus Burst
6. Tajique Burst

6-30-72

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WT-1614 (Report: SECRET)

Air Force Special Weapons Center,
Kirtland AFB, N. Mex. and Illinois.
Univ., Urbana.
LOADING ON BURIED SIMULATED
STRUCTURES IN HIGH-OVERPRESSURE
REGIONS. OPERATION HARDTACK-
PROJECT 1.9. E. H. Bultmann, Jr.,
G. F. McDonough and G. K. Sinnamon.
May 3, 1961. 64p.

1. Hardtack Project
1.9
2. Cactus Burst
3. Koa Burst
4. Effects Experiments
I. Authors (3)
II. Corp. Authors (2)

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LA-5591-SR (Rpt: S-FRD)
Los Alamos Scientific Lab., N. M.
FIREBALL RADIATION-HYDRODYNAMICS
COMPUTATIONS (U). STATUS REPORT. John
Zinn, John W. Kodis and Clair D.
Sutherland. May 1974. 21p.

- Cd: Unclassified
- I. Auths. (3)
- II. Corp. Auth.
- 1. Ball of Fire--
Calculations
- 2. Hydrodynamics--
Calculations
- 3. Computer
Programs-(R)--
Radflo
- 4. Tightrope
- 5. Yucca
- 6. Orange
- 7. Elus Gill
- 8. HA

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SC-4088 (PR) (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corporation
MONTHLY REPORT. March, 1957. 64p.

- 1. TX-27 Weapon--
Development
- 2. Mark 28 Weapon--
Development
- 3. TX-28-X1 Weapon--
Development
- 4. Mark 15 Weapon--
Development
- 5. Firing Systems (WD)
- 6. Smoky Burst--
Preparation
- 7. Mark 25 Weapon--
Development
- 8. XW-31 Warhead
Installations

(Cont'd on card 2)

N17

SC-4088 (PR) (Report: SECRET) Card: CONFIDENTIAL RD

Card 2

- 9. Warhead XW-45--Development
- 10. Plumbbob
- 11. Hardtack
- 12. Doorknob
- 13. Pandora
- 14. Canals
- 15. Storms--Effects of Atomic Weapons
I. Corp. Author

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Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS REPORT FOR THE MONTH
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- 1. Spark Gaps
- 2. Yucca Burst--
Photography
- I. Corp. Author
- II. EG&G Control No.
1192

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Edgerton, Germeshausen & Grier, Inc.,
Las Vegas
PROGRAM 9: AFSWP-DOD PHOTO-
GRAPHY, FILM CATALOG AND
CAMERA DATA, OPERATION HARD-
TACK, PHASE I. October 15, 1958.
111p.

- 1. Yucca Burst--
Photography
- 2. Wahoo Burst--
Photography
- 3. Umbrella Burst--
Photography
- 4. Teak Burst--
Photography
- 5. Orange Burst--
Photography
- 6. Fig Burst--
Photography
- 7. Hardtack--
Photography

- I. Corp. Author
- II. L-369

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EGG-1800 (Rpt:Secret/RD)
EG & G, Inc.
HARDTACK-YUCCA, PROJECT 8.3, EARLY FIREBALL
PHOTOGRAPHY. May 1958. 48 p. (JHH-76-447)
(ACV:GMS:196) (E-0125) (A-88-004)

Cd:Unclassified

- I. Corp. Auth.
- II. JHH-76-447
- III. ADV:GMS:196
- IV. E-0125
- V. A-88-004
- 1. Yucca burst--
Photography
- 2. Ball of fire--
Photography

2-7-92
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SEE MASTER SHEET FOR ACCOUNTABILITY RECORD

N8

JUN 16 1994

DASA-DC-Review-62-3 (Report: SECRET) Cd: UNCLASSIFIED

General Electric Co., Santa Barbara,
Calif. Technical Military Planning
Operation and Defense Atomic Support
Agency, Data Center, Santa Barbara,
Calif.

HIGH ALTITUDE NUCLEAR EFFECTS.
DASA DATA CENTER REVIEW 62-3.
June, 1962. 60p.

I. Corp. Authors (2)

1. Beta Beta
2. Blue Gill Burst
3. Ionization--Detection & Measurement
4. Yucca Burst--Radiation
5. Radio Waves--Effects of Atomic Explosions
6. Radiation-Detection & Measurements

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FWC-M-145 (Report: SECRET) Card: UNCLASSIFIED

Fission Weapon Committee
MINUTES OF THE 145TH MEETING,
OCTOBER 3, 1958. George H. Best.
October 13, 1958. 4p.

- 1. Colfax Test
- 2. Lea Burst
- 3. Dona Ana Burst
- 4. Hidalgo Test
- 5. Rio Arriba Burst
- 6. Kepler Burst
- 7. Galileo Burst
- 8. Blackfoot Burst
- 9. Huron Burst
- 10. Sequoia Burst
- 11. Mora Burst
- 12. Hardtack-Phase II
 - I. Personal Author
 - II. Corp. Author
 - III. GMX-1569

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SWDB-56-102-2 (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corp. Special Weapons
Development Board.
MINUTES OF THE 102ND MEETING,
AUGUST 29, 1956. PART TWO.
August 29, 1956. 18p.

- 1. Redwing
- 2. Navaho Burst
- 3. Huron Burst
- 4. ~~Mohawk Burst~~
- 5. Apache Burst
- 6. Tewa Burst
- 7. Vulnerability Studies
- 8. Storage Hazards
- 9. Totem Pole
- I. Corporate Author
- II. Q-60869

EG&G-PPG-2400 H (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen and Grier,
Inc.
PRELIMINARY ALPHA - SHOT HURON.
K. L. Jordan. July 24, 1956. 38p.

- 1. Huron Burst--
"Alpha"
- 2. "Alpha" Measure-
ments
 - I. Personal Author
 - II. Corp. Author

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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

- 8. Apache Burst--Ball of Fire
- 9. Huron Burst--Ball of Fire
 - I. Corp. Author
 - II. EG&G Control No. 451

- 1. Lacrosse Burst
--Ball of Fire
- 2. Yuma Burst--
Ball of Fire
- 3. Erie Burst--
Ball of Fire
- 4. Blackfoot Burst--
Ball of Fire
- 5. Kickapoo Burst--
Ball of Fire
- 6. Osage Burst--
Ball of Fire
- 7. Mohawk Burst--
Ball of Fire

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EG&G-PPG-2400 I (Report: SECRET) Cd: UNCLASSIFIED

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JUN 16 1964

Edgerton, Germeshausen and Grier, Inc.,
Boston, Mass.
PRELIMINARY ALPHA - SHOT TEWA.
D. Berkowitz. July 24, 1956. 19p.

- 1. Redwing
- 2. Tewa Burst
- I. Personal Author
- II. Corp. Author
- III. PPG-2400 I

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LA-412-56-4

EG&G-LAD-111 (Report: SECRET-RD) Cd: Uncl.
Agerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) QUARTERLY PROGRESS REPORT, 1 JANUARY-
31 MARCH 1971. May 10, 1971. 65p.
(EG&G-LAD-442)

- I. Corp. Auth.
- II: EG&G-LAD-442
- 1. Priscilla Burst
- 2. Hood Burst
- 3. Navajo Burst
- 4. Flathead Burst
- 5. Truckee Burst

3 Navajo Burst

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EGG-10282-5006 (Rpt:Secret/RD)
EG & G, Inc. Energy Measurements Group.
RADIOMETRIC REDUCTION DATA FROM TUMBLER-
SNAPPER EVENTS III AND IV (U). L. Rauber
and D. Wright. Jan. 1988. 188 p. (WAD-700)

- Cd:Unclassified
- I. Corp. Auth.
- II. Auth. (2)
- III. WAD-700
- 1. Tumbler-Snapper
Burst 3--Ball
of Fire
- 2. Tumbler-Snapper
Burst 4--Ball
of Fire
- 3. Redwing--Ball
of Fire
- 4. Navajo Burst--
Analysis
- 5. Flathead Burst--
Analysis

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JUN 16 1994

FILM-Y-54 (Film: SECRET-RD) Cd: Unclass.
Los Alamos Scientific Lab., N. Mex.
NAVAJO SHOT. [1956]. Black & White,
Sd., 10 minutes, 16mm.

- I. Corp. Auth.
- 1. Navajo_Burst

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Los Alamos Scientific Lab., NM.
LASL WEAPONS QUARTERLY (U). FOR THE
PERIOD ENDING MARCH 31, 1975. Leslie
M. Redman, Comp. and Earleen Eden, Ed.
May 1975. 88p.

- 15. Popcorn
- 16. Laser Isotope Separation
- 17. Gallium-Plutonium Alloys
- 18. Electron Beam Welding
- 19. Tungsten Alloys--Mechanical
Properties
- 20. Gas Lasers
- 21. Lasers
- 22. Neodymium Laser Systems

Con't. on page 2

6-12-75

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Title List:

- Cd: C-RD
- I. Authors (2)
- II. Corp. Auth.
- 1. Sapello
- 2. EMP Generators
- 3. Computer Programs
(G)--GUANO
- 4. Computer Programs
(R)--RUDI
- 5. Computer Programs
(M)--MAGEE
- 6. Pratt
- 7. Ball of Fire--
Calculations
- 8. Flathead
- 9. Navajo Burst
- 10. Ozone
- 11. Stratosphere
- 12. Tordo
- 13. Barium
- 14. Water Waves

75 0017345

LA-5995-FR (Rpt: S-RD)

- Cd: C-RD
- 23. Laser Targets
- 24. Laser Driven Fusion
- 25. Isotope Separation
Methods
- 26. MRR
- 27. B61
- 28. Weapon 76
- 29. Re-Entry Vehicles
(4)
- 30. Bilge
- 31. Weapon 78
- 32. Re-Entry Vehicles
(12)
- 33. Topgallant
- 34. Americium Isotopes
Am-241

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Los Alamos Scientific Lab., NM.
CHEMISTRY OF A NUCLEAR FIREBALL (U). John
Zinn, C.D. Sutherland, H. Hoerlin, D. Wilson
and K. Mitchell. June 1980. 32p.

- I. Authors (5)
- II. Corp. Auth.
- 1. Fireball
(Calculations)
- 2. Navajo Burst
- 3. Ball of Fire
--Thermal
Radiation

7-24-80

c.19A thru 60A

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EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

- 8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

- 1. Lacrosse Burst
--"Alpha"
- 2. Erie Burst
--"Alpha"
- 3. Blackfoot Burst
--"Alpha"
- 4. Osage Burst
--"Alpha"
- 5. Dakota Burst
--"Alpha"
- 6. Navajo Burst
--"Alpha"
- 7. Apache Burst
--"Alpha"

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LA-58-57-7

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JUN 16 1994

EGG-LAD-119 (Report: SECRET-RD) Cd: Uncl.
Edgerton, Germeshausen and Grier, Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) FINAL REPORT 1 OCTOBER 1970 THROUGH
30 SEPTEMBER 1971. 122p. (LAD-522)

- I. Corp. Auth.
- II. LAD-522
- 1. Atomic Explosions--
Detection
- 2. Hood Burst--
Photography
- 3. Dakota Burst--
Photography
- 4. Wilson Burst--
Photography
- 5. Navajo Burst--
Photography
- 6. Union Burst--
Photography
- 7. Nectar Burst--
Photography
- 8. Owens Burst--
Photography

- 9. Priscilla Burst--
Photography
- 10. Flat Head Burst--
Photography
- 11. Flumbub--Photography
- 12. Tumbler-Snapper--
Photography

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EG&G-LAD-152 (Rpt: S-RD)
EG&G Inc., Los Alamos, N. Mex.
A REVIEW OF HIGH SPEED PHOTOGRAPHIC DATA
PROPOSED PROGRAM CONTINUATION (U). 1
JULY 1973 THROUGH 30 JUNE 1976. Donald
D. Cobb. 14p.

Cd. Unclass.

- I. Author (1)
- II. Corp. Auth.
- 1. Boltzman Burst--
Photography
- 2. Dakota Burst--
Photography
- 3. Truckee Burst--
Photography
- 4. Navajo Burst--
Photography
- 5. Union Burst--
Photography
- 6. Nectar Burst--
Photography

Submitted to: Headquarters United States
Air Force, Air Force Technical
Applications Center, Washington, D.C.

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EG&G-1499 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF JULY, 1956.
July 31, 1956. 23p.

- 9. Apache Burst—"Alpha"
- 10. Navajo Burst—"Alpha"
- 11. Time Interval (TN)—Measurement
 - I. Corporate Author
 - II. EG&G Control No. 00176

- 1. Pilgrim—
Preparation
- 2. Spark Gaps
- 3. Redwing
- 4. Mohawk Burst—
Ball of Fire
- 5. Apache Burst—
Ball of Fire
- 6. Navajo Burst—
Ball of Fire
- 7. Tewa Burst—
Ball of Fire
- 8. Huron Burst—
Ball of Fire

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EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
I. Corp. Author
II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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EG&G-Tech. Memo. B-30 (Report: CONFIDENTIAL)

Edgerton, Germeshausen & Grier, Inc.
Boston.
TEAPOT APPLE AND REDWING
MOHAWK FIREBALL ASYMMETRIES
AND JETS. E. Patricia O'Connell.
April 17, 1957. 24p.

1. Apple Burst
--Ball of Fire
2. Mohawk Burst
--Ball of Fire
I. Personal Author
II. Corp. Author
III. EG&G Control
00495

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EG&G-OUT-1666

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Edgerton, Germeshausen & Grier, Inc.
ILLUSTRATIONS OF THE SHAPE OF
THE RADIATING FIREBALL.

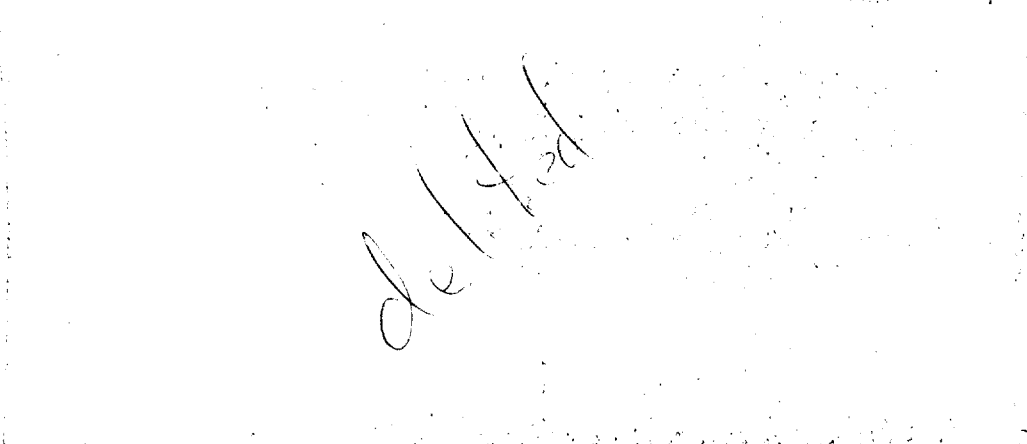
25 October 1954 5p.

- 1. King Burst--
Ball of Fire
- 2. Union Burst--
Ball of Fire
- 3. Mike Burst--
Ball of Fire
- 4. Romeo Burst--
Ball of Fire
- 5. Bravo Burst--
Ball of Fire
- I. Edgerton,
Germeshausen &
Grier, Inc.

II. EG&G-1163

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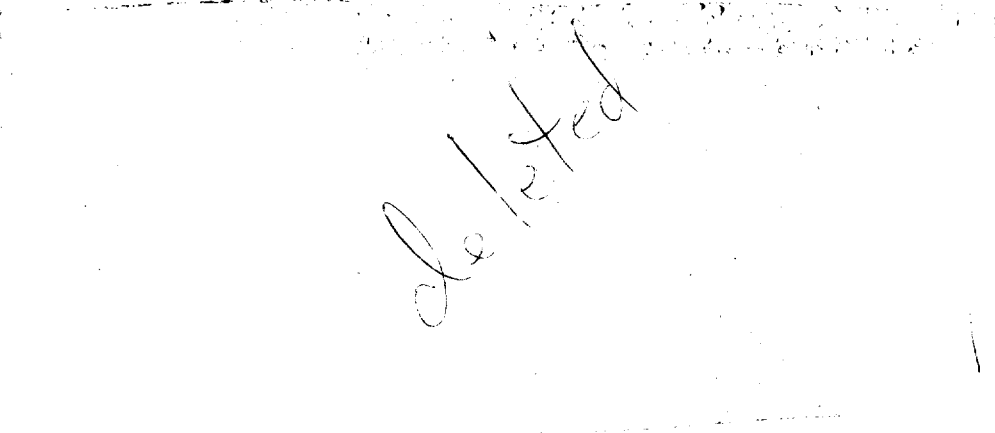


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ARF-I-2344-1/4

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Illinois Inst. of Tech.
 Armour Research Foundation
 "PETROGRAPHIC STUDIES OF DEBRIS
 CARRIER PARTICLES, CONTRACT AF
 33(600) 23112, PHASE REPORT
 "FRACTIONATION EXPERIMENTS
 ON PARTICULATE DEBRIS".
 Feb. 10, 1955 5p.

1. Airborne Particulate
Matter—Fractiona-
tion
2. Bravo--Fall-Out
- I. Ill. Inst. of
Tech. Armour
Research Foundation
- II. I-2344-1/4
- III. C 049

RM-1855 (Report: SECRET) Card: UNCLASSIFIED

Rand Corporation
 FALLOUT COMPUTATIONS AND
 CASTLE-BRAVO - A CASE STUDY.
 RESEARCH MEMO. S. M. Greenfield
 and R. R. Rapp. January 16, 1957. 80p.

1. Bravo Burst--
Fall-Out
2. Fall-Out--
Calculations
- I. Authors (2)
- II. Corp. Author

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Tech. Memo. 77-56-51 (Report: SECRET) Cd: OFFICIAL USE ONLY

Sandia Corporation
RADIOACTIVE-PARTICLE INHALATION HAZARD
AT TEST SITES.

Cowan, Maynard Jr. March 20, 1956
7p.

(Med. Lib.)

1. Test Sites--
Contamination
2. Tesla Burst--
Fission
Products
3. Bravo Burst--
Fission
Products
- I. Cowan, Maynard
Jr.
- II. Sandia Corp.
- III. Q-57470
- IV. Case 407.09

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

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JUN 16 1964

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

- 8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

- 1. Lacrosse Burst
--"Alpha"
- 2. Erie Burst
--"Alpha"
- 3. Blackfoot Burst
--"Alpha"
- 4. Osage Burst
--"Alpha"
- 5. Dakota Burst
--"Alpha"
- 6. Navajo Burst
--"Alpha"
- 7. Apache Burst
--"Alpha"

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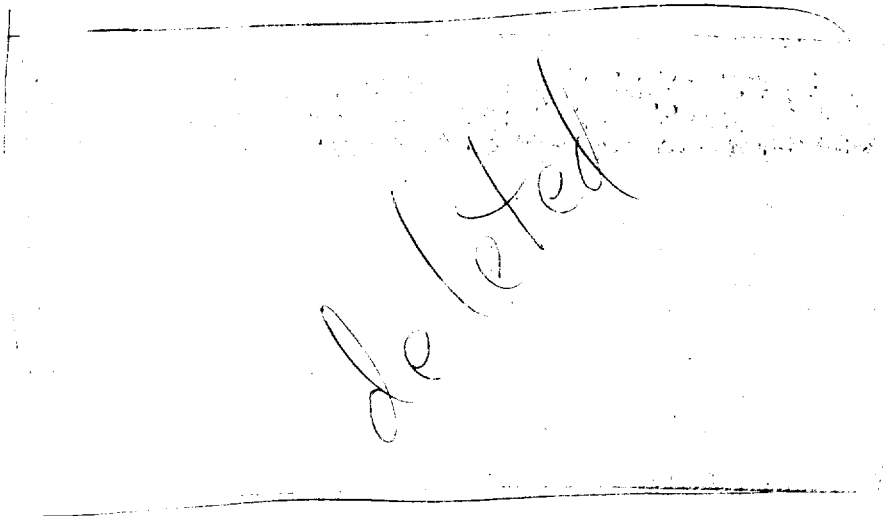
EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

- 8. Apache Burst--Ball of Fire
- 9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

- 1. Lacrosse Burst
--Ball of Fire
- 2. Yuma Burst--
Ball of Fire
- 3. Erie Burst--
Ball of Fire
- 4. Blackfoot Burst--
Ball of Fire
- 5. Kickapoo Burst--
Ball of Fire
- 6. Osage Burst--
Ball of Fire
- 7. Mohawk Burst--
Ball of Fire

N12



JUN 16 1994

FWC-M129 (Report: SECRET) Card: UNCLASSIFIED)

Los Alamos Scientific Laboratory.
Fission Weapon Committee.
MINUTES OF THE 129TH MEETING,
26 AUGUST 1957. George H. Best.
September 3, 1957. 4p.

1. Pascal Test B--
Calculations
 2. Kepler Burst--
Yield
 3. Galileo Burst
 4. Newton Burst
 5. Viper 3
 6. Lacrosse Burst--
Yield
 7. Priscilla Burst--
Yield
- I. Personal Author
 - II. Corp. Author
 - III. GMX-1391
- N11

JUN 16 1994

USE

LA-413-56-4

EG&G-LAO-198 (Report: S-RD)
Edgerton, Germeshausen and Grier, Inc.,
Los Alamos, New Mexico
REVIEW PROGRAM, PROJECT T/4210
QUARTERLY PROGRESS SUMMARY (U) 1
OCTOBER THROUGH 31 DECEMBER 1974.
James A. Michael. December 1974. 11p.
(EG&G-LAD-8389)

12-24-74

- Cd: S-NSI Set-1A
- I. Auth.
 - II. Corp. Auth.
 - III. EG&G-LAD-8389
 - 1. Dakota
 - 2. French Atomic Explosions
 - 3. Flathead
 - 4. Hood
 - 5. Chama
 - 6. Yaso
 - 7. Bighorn
 - 8. Teller Light

LA-2-75-12 & Master

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Copies:

Title List:

FILM-Y-53 (Film: SECRET-RD) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., N. Mex.
DAKOTA. n.d. 8 min., sd., b7w, 16 mm.

- I. Corp. Auth.
- 1. Dakota Burst

Title List:

LA-4884-FR (Rpt.: S-RD)
Los Alamos Scientific Lab., N. Mex.
RESEARCH ON NUCLEAR WEAPONS PHENOMENOLOGY
FOR THE PERIOD ENDING DECEMBER 31, 1971.
QUARTERLY SUMMARY (U). Donald M. Kerr
and H. Milton Peek. February 1972. 56p.

11. Star Fish Burst

3-1-72

Rec'd:

Copies:

N15

Title List:

- Cd: UNCLASSIFIED
- I. Authors (2)
 - II. Corp. Auth.
 1. Diagonal Line Burst
 2. Ball of Fire-- Calculations
 3. Radflo (Calculation)
 4. Encino Burst
 5. Dakota Burst
 6. French Atomic Explosions
 7. Barbizon
 8. Fluorescence
 9. Sierra (Calculation)
 10. King Fish Burst

JUN 16 1994

LA-5843-FR (Report: S-RD)
Los Alamos Scientific Lab., New Mexico.
ANNUAL REPORT ON RADIATION CHARACTERIZATION
PROGRAM, FY 1974 (U). William E.
Freag and Robert M. Hanson. April 1975.
10p.

4-4-75

LA-5-75-12 & Master

Rec'd:

Copies:

Title List:

- CD: SRSI Set 1A
- I. Authors (2)
 - II. Corp. Auth.
 1. French Atomic Explosives-- Detection & Measurement
 2. Atomic Explosions --Prompt Radiation
 3. Atomic Explosions --Neutron Emissions
 4. Atomic Explosion --Gamma Radiation
 5. Flathead Burst
 6. Dakota Burst
 7. Hula Hoop
 8. Dice Game

LA-AC-84-2 (Secret/RD)
Los Alamos Scientific Laboratory.
DAKOTA. Audio Cassette. n.d.
1 cassette tape. Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
 - II. FILM-Y-53
 1. Dakota burst

4-4-84
NWN

c.1A

N4

205

JUN 16 1956

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
"Alpha"
2. Blackfoot Burst
—"Alpha"
3. Osage Burst
—"Alpha"
4. Dakota Burst
—"Alpha"
5. Seminole Burst
—Ball of Fire
6. Flathead Burst
—Ball of Fire
7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
9. Osage Burst—Ball of Fire
10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

1. Lacrosse Burst
--"Alpha"
 2. Erie Burst
--"Alpha"
 3. Blackfoot Burst
--"Alpha"
 4. Osage Burst
--"Alpha"
 5. Dakota Burst
--"Alpha"
 6. Navajo Burst
--"Alpha"
 7. Apache Burst
--"Alpha"
8. Flathead Burst--"Alpha"
 - I. Corp. Author
 - II. EG&G OUT 0482

JUN 16 1994



EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst--
"Alpha"
2. Blackfoot Burst
--"Alpha"
3. Osage Burst
--"Alpha"
4. Dakota Burst
--"Alpha"
5. Seminole Burst
--Ball of Fire
6. Flathead Burst
--Ball of Fire
7. Blackfoot Burst
--Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst--Ball of Fire
9. Osage Burst--Ball of Fire
10. Inca Burst--Ball of Fire
11. Dakota Burst--Ball of Fire
12. Spark Caps--Development
 - I. Edgerton, Germeshausen & Grier, Inc.
 - II. EG&G-Control 00101

EGG-LAD-119 (Report: SECRET-RD) Cd: Uncl.
Edgerton, Germeshausen and Grier, Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) FINAL REPORT 1 OCTOBER 1970 THROUGH
30 SEPTEMBER 1971. 122p. (LAD-522)

1-26-72

9. Priscilla Burst--
Photography
10. Flat Head Burst--
Photography
11. Flumbub--Photography
12. Tumbler-Snapper--
Photography

- I. Corp. Auth.
- II. LAD-522
 1. Atomic
Explosions--
Detection
 2. Hood Burst--
Photography
 3. Dakota Burst--
Photography
 4. Wilson Burst--
Photography
 5. Navajo Burst--
Photography
 6. Union Burst--
Photography
 7. Nectar Burst--
Photography
 8. Owens Burst--
Photography

Rec'd:

Copies: 115



207

JUN 16 1994

EG&G-LAD-152 (Rpt: S-RD)
EG&G Inc., Los Alamos, N. Mex.
A REVIEW OF HIGH SPEED PHOTOGRAPHIC DATA
PROPOSED PROGRAM CONTINUATION (U). 1
JULY 1973 THROUGH 30 JUNE 1976. Donald
D. Cobb. 14p.

Submitted to: Headquarters United States
Air Force, Air Force Technical
Applications Center, Washington, D.C.

3-7-73

Rec'd:

Copies:

Cd. Unclass.

- I. Author (1)
- II. Corp. Auth.
 1. Boltzman Burst--
Photography
 2. Dakota Burst--
Photography
 3. Truckee Burst--
Photography
 4. Navajo Burst--
Photography
 5. Union Burst--
Photography
 6. Nectar Burst--
Photography

N9

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& Master

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JO-267 (Report: SECRET) Card: CONFIDENTIAL RD

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N3

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

- 1. Erie Burst—
"Alpha"
- 2. Blackfoot Burst
—"Alpha"
- 3. Osage Burst
—"Alpha"
- 4. Dakota Burst
—"Alpha"
- 5. Seminole Burst
—Ball of Fire
- 6. Flathead Burst
—Ball of Fire
- 7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

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JUN 16 1994

~~SECRET~~

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

- 8. Kickapoo Burst—Ball of Fire
- 9. Osage Burst—Ball of Fire
- 10. Inca Burst—Ball of Fire
- 11. Dakota Burst—Ball of Fire
- 12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

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EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst—
"Alpha"
2. Blackfoot Burst
—"Alpha"
3. Osage Burst
—"Alpha"
4. Dakota Burst
—"Alpha"
5. Seminole Burst
—Ball of Fire
6. Flathead Burst
—Ball of Fire
7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
 9. Osage Burst—Ball of Fire
 10. Inca Burst—Ball of Fire
 11. Dakota Burst—Ball of Fire
 12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
II. EG&G-Control 00101

JUN 16 1994

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
--"Alpha"
2. Erie Burst
--"Alpha"
3. Blackfoot Burst
--"Alpha"
4. Osage Burst
--"Alpha"
5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"

N12

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

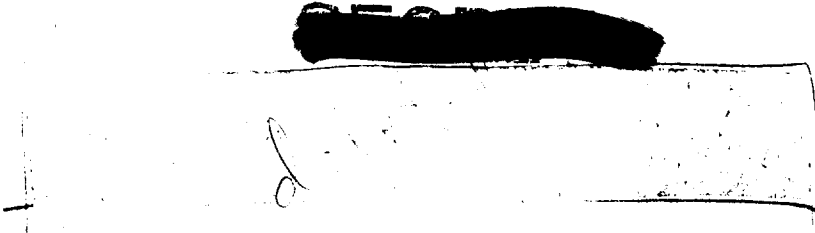
8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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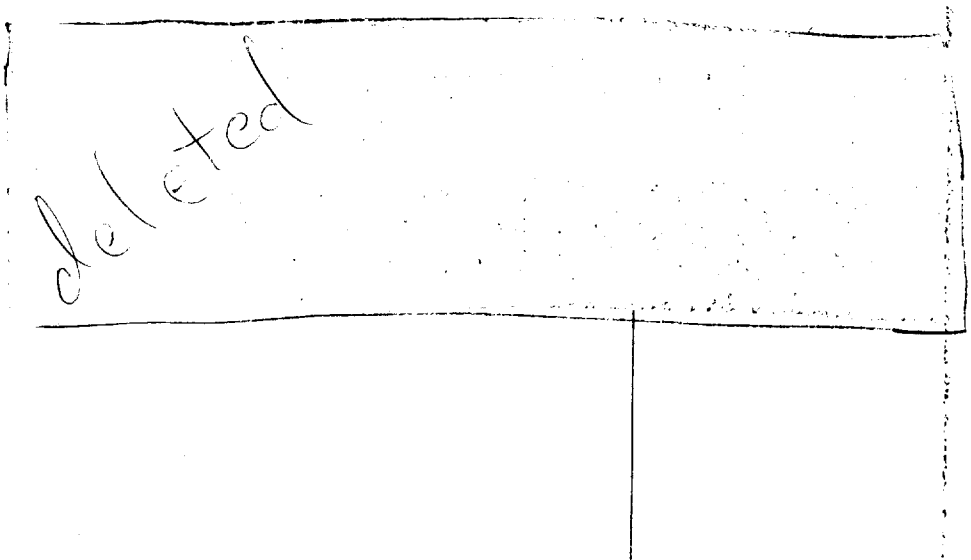
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& Master

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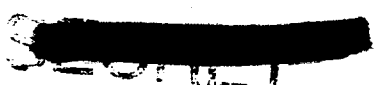


EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

- 1. Erie Burst—
"Alpha"
- 2. Blackfoot Burst
—"Alpha"
- 3. Osage Burst
—"Alpha"
- 4. Dakota Burst
—"Alpha"
- 5. Seminole Burst
—Ball of Fire
- 6. Flathead Burst
—Ball of Fire
- 7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)



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JUN 16 1994

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

- 8. Kickapoo Burst--Ball of Fire
- 9. Osage Burst--Ball of Fire
- 10. Inca Burst--Ball of Fire
- 11. Dakota Burst--Ball of Fire
- 12. Spark Gaps--Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
 Inc., Boston
 RAPATRONIC PHOTOGRAPHY OF
 THE FIREBALL, REDWING, 1956.
 March 15, 1957. 20p.

- 8. Apache Burst--Ball of Fire
- 9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

- 1. Lacrosse Burst
 --Ball of Fire
- 2. Yuma Burst--
 Ball of Fire
- 3. Erie Burst--
 Ball of Fire
- 4. Blackfoot Burst--
 Ball of Fire
- 5. Kickapoo Burst--
Ball of Fire
- 6. Osage Burst--
 Ball of Fire
- 7. Mohawk Burst--
 Ball of Fire

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FILM-Y-55 (Film: SECRET-RD) Cd: Unclass.
Los Alamos Scientific Lab., N. Mex. I. Corp. Auth.
BLACKFOOT HURON. [1956]. Black & White, 1. Blackfoot Burst
sd., 13 min., 16mm.

7-13-70

print #2

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005

[Redacted]

JUN 16 1994

Fission Weapon Committee
MINUTES OF THE 145TH MEETING,
OCTOBER 3, 1958. George H. Best
October 13, 1958. 4p.

- 1. Colfax Test
- 2. Lea Burst
- 3. Dona Ana Burst
- 4. Hidalgo Test
- 5. Rio Arriba Burst
- 6. Kepler Burst
- 7. Galileo Burst
- 8. Blackfoot Burst
- 9. Huron Burst
- 10. Sequoia Burst
- 11. Mora Burst
- 12. Hardtack-Phase II
- I. Personal Author
- II. Corp. Author
- III. GMX-1569
- N16

LA-AC-56-6 (Secret/RD)
Los Alamos Scientific Laboratory.
BLACKFOOT HURON. Audio Cassette.
[1956] 1 cassette tape. Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
- II. FILM-Y-55
- 1. Blackfoot burst

5-1-84
NWN

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N4

EG&G-1447 (Rpt: SECRET) Cd: CONFIDENTIAL

Edgerton, Germeshausen & Grier, Inc.
Boston.
PROGRESS FOR THE MONTH OF FEBRUARY,
1956.
February 29, 1956 20p.

- 1. Redwing—
Instrumentation
- 2. Lacrosse Burst
—"Alpha"
- 3. Erie Burst
—"Alpha"
- 4. Blackfoot
Burst—"Alpha"
- 5. Osage Burst
—"Alpha"
- 6. Spark Gaps
- I. Edgerton, Germe-
hausen & Grier,
Inc., Boston

II. EG&G-OUT-1975
III. Contract AT(29-1)-1183

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956
June 30, 1956 18p.

- 1. Erie Burst--
"Alpha"
- 2. Blackfoot Burst
--"Alpha"
- 3. Osage Burst
--"Alpha"
- 4. Dakota Burst
--"Alpha"
- 5. Seminole Burst
--Ball of Fire
- 6. Flathead Burst
--Ball of Fire
- 7. Blackfoot Burst
--Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

- 8. Kickapoo Burst--Ball of Fire
- 9. Osage Burst--Ball of Fire
- 10. Inca Burst--Ball of Fire
- 11. Dakota Burst--Ball of Fire
- 12. Spark Gaps--Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

- 1. Lacrosse Burst
--"Alpha"
- 2. Erie Burst
--"Alpha"
- 3. Blackfoot Burst
--"Alpha"
- 4. Osage Burst
--"Alpha"
- 5. Dakota Burst
--"Alpha"
- 6. Navajo Burst
--"Alpha"
- 7. Apache Burst
--"Alpha"
- 8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

JUN 10 1957

EG&G-1583 (Report SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

- 8. Apache Burst--Ball of Fire
- 9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

- 1. Lacrosse Burst
--Ball of Fire
- 2. Yuma Burst--
Ball of Fire
- 3. Erie Burst--
Ball of Fire
- 4. ~~Blackfoot Burst--~~
Ball of Fire
- 5. ~~Kickapoo Burst--~~
Ball of Fire
- 6. Osage Burst--
Ball of Fire
- 7. Mohawk Burst--
Ball of Fire

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JUN 16 1994

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EG&G-LAD-111 (Report: SECRET-RD) Cd: Uncl.
Edgerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
REVIEW OF HIGH SPEED PHOTOGRAPHIC RECORDS
(U) QUARTERLY PROGRESS REPORT, 1 JANUARY-
31 MARCH 1971. May 10, 1971. 65p.
(EG&G-LAD-442)

- I. Corp. Auth.
- II: EG&G-LAD-442
- 1. Priscilla Burst
- 2. Hood Burst
- 3. Navajo Burst
- 4. Flathead Burst
- 5. Truckee Burst

4-13-72

N8

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EGG-LAD-185 (Report: SECRET-RD)
Edgerton, Germeshausen and Grier Inc.,
Los Alamos, New Mexico.
OLD FIREBALL PROGRESS SUMMARY (U).
1 OCTOBER THROUGH 31 DECEMBER 1973. 8p.
(LAD-7340)

- Cd: Unclassified
- I. Corp. Auth.
- II. LAD-7340
- 1. Flathead Burst
- 2. Encino Burst
- 3. Fireball
Radiance Profiles

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Cd: CONFIDENTIAL

JUN 16 1995

Los Alamos Scientific Lab.
Fission Weapon Committee
MINUTES OF THE NINETY-NINTH
MEETING, 24 OCTOBER 1955.
Eyster, Eugene H
Oct. 27, 1955 3p.

1. Python
2. Gnat
3. 56 Project NTS
4. Flathead Burst
5. Erie Burst
6. Air Lenses
- I. Eyster, Eugene H
- II. LASL. Fission
Weapon Committee
- III. GMX-1130

LA-5843-FR (Report: S-RD)
Los Alamos Scientific Lab., New Mexico.
ANNUAL REPORT ON RADIATION CHARACTERIZATION
PROGRAM, FY 1974 (U). William E.
Freag and Robert M. Hanson. April 1975.
10p.

- CD: SRSI Set 1A
- I. Authors (2)
 - II. Corp. Auth.
 1. French Atomic
Explosives--
Detection &
Measurement
 2. Atomic Explosions
--Prompt Radiation
 3. Atomic Explosions
--Neutron Emissions
 4. Atomic Explosion
--Gamma Radiation
 5. Flathead Burst
 6. Dakota Burst
 7. Hula Hoop
 8. Dice Game

4-4-75

LA-5-75-12 & Master

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Title List:

LA-5995-FR (Rpt: S-RD)
Los Alamos Scientific Lab., NM.
LASL WEAPONS QUARTERLY (U). FOR THE
PERIOD ENDING MARCH 31, 1975. Leslie
M. Redman, Comp. and Earleen Eden, Ed.
May 1975. 88p.

- CD: C-RD
- I. Authors (2)
 - II. Corp. Auth.
 1. Sapello
 2. EMP Generators
 3. Computer Programs
(G)--GUANO
 4. Computer Programs
(R)--RUDI
 5. Computer Programs
(M)--MAGEE
 6. Pratt
 7. Ball of Fire--
Calculations
 8. Flathead
 9. Navajo Burst
 10. Ozone
 11. Stratosphere
 12. Tordo
 13. Barium
 14. Water Waves

15. Popcorn
 16. Laser Isotope Separation
 17. Gallium-Plutonium Alloys
 18. Electron Beam Welding
 19. Tungsten Alloys--Mechanical
Properties
 20. Gas Lasers
 21. Lasers
 22. Neodymium Laser Systems
- Con't. on page 2

6-12-75

N38

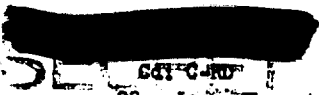
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- 23. Laser Targets
- 24. Laser Driven Fusion
- 25. Isotope Separation Methods
- 26. MRR
- 27. B61
- 28. Weapon 76
- 29. Re-Entry Vehicles (4)
- 30. Bilge
- 31. Weapon 78
- 32. Re-Entry Vehicles (12)
- 33. Topgallant
- 34. Americium Isotopes Am-241

Page 2

N38

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Title List:

25 0017510

LA-AC-84-3 (Secret/RD)
 Los Alamos Scientific Laboratory.
 ERIE SEMINOLE FLATHEAD. Audio
 Cassette. n.d. 1 cassette tape.
 Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
 - II. FILM-Y-51
 - 1. Erie burst
 - 2. Seminole burst
 - 3. Flathead burst

4-4-84
NWN

c.1A

N6

MRC-R-178 (Report: S-RD)
 Mission Research Corp., Santa Barbara,
 Calif.
 EARLY-TIME OPTICAL STUDIES III (U).
 May 1975. 69p. (MRC-IR-75-177).

- Cd: S-NSI Set-1A
- I. Corp. Auth.
 - 1. Atmospheric Bursts --Calculations
 - 2. French Atomic Explosions
 - 3. Flathead
 - 4. Optical Detonation (WD)
 - 5. Chinese Atomic Explosions
 - II. MRC-IR-75-177

8-4-75

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Title List:



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JUN 16 1994

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.

COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
--"Alpha"
2. Erie Burst
--"Alpha"
3. Blackfoot Burst
--"Alpha"
4. Osage Burst
--"Alpha"
5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"

NI2

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst--
"Alpha"
2. Blackfoot Burst
--"Alpha"
3. Osage Burst
--"Alpha"
4. Dakota Burst
--"Alpha"
5. Seminole Burst
--Ball of Fire
6. Flathead Burst
--Ball of Fire
7. Blackfoot Burst
--Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst--Ball of Fire
9. Osage Burst--Ball of Fire
10. Inca Burst--Ball of Fire
11. Dakota Burst--Ball of Fire
12. Spark Gaps--Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

[REDACTED]
FILM-Y-51 (Film: SECRET-RD) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., N. Mex.
ERIE SEMINOLE FLATHEAD. n.d. 15 min.,
sd., b&w., 16 mm.

- JUN 10 1994
- I. Corp. Auth.
 1. Erie Burst
 2. Seminole
Burst
 3. Flathead Burst.

8-3-67

N6

LA-AC-84-3 (Secret/RD)
Los Alamos Scientific Laboratory.
ERIE SEMINOLE FLATHEAD. Audio
Cassette. n.d. 1 cassette tape.
Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
 - II. FILM-Y-51
 1. Erie burst
 2. Seminole burst
 3. Flathead burst

4-4-84
NWN

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N6

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

1. Erie Burst--
"Alpha"
2. Blackfoot Burst
--"Alpha"
3. Osage Burst
--"Alpha"
4. Dakota Burst
--"Alpha"
5. Seminole Burst
--Ball of Fire
6. Flathead Burst
--Ball of Fire
7. Blackfoot Burst
--Ball of Fire

(Cont'd. on Card 2)

[REDACTED]

JUN 16 1994

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

8. Kickapoo Burst—Ball of Fire
9. Osage Burst—Ball of Fire
10. Inca Burst—Ball of Fire
11. Dakota Burst—Ball of Fire
12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

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JUN 16 1994

5379JFE (Report: SECRET) Card: CONFIDENTIAL RD

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps--
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

FLIM-Y-51 (Film: SECRET-RD) Cd: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex.
ERIE SEMINOLE FLATHEAD. n.d. 15 min.,
sd., b&w., 16 mm.

- I. Corp. Auth.
- 1. Erie Burst
- 2. Seminole
Burst
- 3. Flathead Burst

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JUN 16 1994

FWC-M99

SECRET
Cd: CONFIDENTIAL

Los Alamos Scientific Lab.
Fission Weapon Committee
MINUTES OF THE NINETY-NINTH
MEETING, 24 OCTOBER 1955.
Eyster, Eugene H
Oct. 27, 1955 3p.

- 1. Python
- 2. Gnat
- 3. 56 Project NTS
- 4. Flathead Burst
- 5. Erie Burst
- 6. Air Lenses
- I. Eyster, Eugene H
- II. LASL. Fission
Weapon Committee
- III. GMX-1130

LA-AC-84-3 (Secret/RD)
Los Alamos Scientific Laboratory.
ERIE SEMINOLE FLATHEAD. Audio
Cassette. n.d. 1 cassette tape.
Soundtrack.

- CD: Unclass.
- I. Corp. Auth.
- II. FILM-Y-51
- 1. Erie burst
- 2. Seminole burst
- 3. Flathead burst

4-4-84
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8-24-65

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JUN 16 1994

UCID-5010 (Report: SECRET) cd: CONFIDENTIAL RD

California. University. Livermore.
Lawrence Radiation Lab.

FIREBALL ABLATION. T. Wainwright.
June 3, 1963. 15p. including p.i.

- I. Author (1)
- II. Corp. Auth.
- III. COT-63-23
- 1. Ball of Fire
- 2. Bagpipe
- 3. Erie Burst
- 4. Smoky Burst

7-12-65

N8

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JUNE 1956.
June 30, 1956 18p.

- 1. Erie Burst—
"Alpha"
- 2. Blackfoot Burst
—"Alpha"
- 3. Osage Burst
—"Alpha"
- 4. Dakota Burst
—"Alpha"
- 5. Seminole Burst
—Ball of Fire
- 6. Flathead Burst
—Ball of Fire
- 7. Blackfoot Burst
—Ball of Fire

(Cont'd. on Card 2)

EG&G-1489 (Report: SECRET) Card: CONFIDENTIAL RD CARD 2

- 8. Kickapoo Burst—Ball of Fire
- 9. Osage Burst—Ball of Fire
- 10. Inca Burst—Ball of Fire
- 11. Dakota Burst—Ball of Fire
- 12. Spark Gaps—Development
- I. Edgerton, Germeshausen & Grier, Inc.
- II. EG&G-Control 00101

JUN 16 1994

EG&G-Tech. Memo. B-28 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.
Boston.
COMPARISON OF FIELD AND FINAL
ALPHA VALUES, OPERATION REDWING.
TECHNICAL MEMORANDUM NO. B-28.
April 10, 1957. 11p.

8. Flathead Burst--"Alpha"
- I. Corp. Author
- II. EG&G OUT 0482

1. Lacrosse Burst
--"Alpha"
2. Erie Burst
--"Alpha"
3. Blackfoot Burst
--"Alpha"
4. Osage Burst
--"Alpha"
5. Dakota Burst
--"Alpha"
6. Navajo Burst
--"Alpha"
7. Apache Burst
--"Alpha"

N12

EG&G-1583 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIG PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
- I. Corp. Author
- II. EG&G Control No. 451

1. Lacrosse Burst
--Ball of Fire
2. Yuma Burst--
Ball of Fire
3. Erie Burst--
Ball of Fire
4. Blackfoot Burst--
Ball of Fire
5. Kickapoo Burst--
Ball of Fire
6. Osage Burst--
Ball of Fire
7. Mohawk Burst--
Ball of Fire

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JUN 9 6 1994

EG&G-1478 (Report: SECRET) ~~SECRET~~ UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

FILM-QA-65 (Film: SECRET-RD) Cd: UNCLASSIFIED
 California. Univ., Livermore. Lawrence I. Corp. Auth.
 Radiation Lab. 1. Zuni Burst
 ZUNI. n.d. 15 min., sd., b&w, 16 mm.

8-3-67

#2

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JUN 16 1994

RM-1848 (Report: SECRET) Card: CONFIDENTIAL RD

Rand Corporation
EVALUATION OF REDWING RADIO-
LOGICAL EXPERIMENTS. B. L.
Tucker. January 3, 1957. 11p.

- 1. Radiological Warfare
 - 2. Zuni Burst
 - 3. Salting
- I. Personal Author
 - II. Corp. Author

N6

UCRL-4774 (Report: SECRET) Card: CONFIDENTIAL RD

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JUN 16 1994

LA-11819 and LA-11819 Errata (Rpt:Secret/RD)

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Diagnostics

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UCRL-4562

California. Univ. Livermore.
Radiation Laboratory.
CASTLE (Koon) ALPHA, GAMMA AND THERM
MEASUREMENTS.
Heusinkveld, Myron September, 1955
121p.

SECRET
CD: OFFICIAL USE ONLY

- I. Koon Burst
- I. Heusinkveld, Myron
- II. Calif. Univ.
Livermore.
Radiation Lab.

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EG&G-1478 (Report: SECRET) Card: UNCLASSIFIED

Egerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF MAY, 1956.
May 31, 1956 16p.

- 1. Lacrosse Burst
- 2. Cherokee Burst
- 3. Zuni Burst
- 4. Yuma Burst
- 5. Erie Burst
- 6. Spark Gaps—
Development
- I. Egerton,
Germeshausen &
Grier, Inc.,
Boston
- II. EG&G Control No.
00023

III. Contract AT(29-1)-1183

FILM-0A-64 (Film: SECRET-RD) Cd: UNCLASSIFIED
 California. Univ., Livermore. Lawrence I. Corp. Auth.
 Radiation Lab. 1. Yuma Burst
 YUMA. n.d., 10 min., sd., b&w, 16 mm.

8-3-67

#2

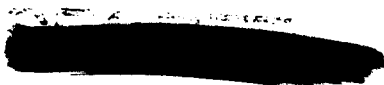
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JO-270 (Report: SECRET) Card: CONFIDENTIAL RD

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JUN 16 1994

LA-AC-84-1 (Secret/RD)
Lawrence Radiation Laboratory.
YUMA. Audio Cassette. n.d.
1 cassette tape. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-OA-64
1. Yuma burst

4-4-84
NWN

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AA

N4

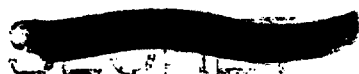
EG&G-1583 (Report:SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Inc., Boston
RAPATRONIC PHOTOGRAPHY OF
THE FIREBALL, REDWING, 1956.
March 15, 1957. 20p.

8. Apache Burst--Ball of Fire
9. Huron Burst--Ball of Fire
I. Corp. Author
II. EG&G Control No. 451

- 1. Lacrosse Burst
--Ball of Fire
- 2. Yuma Burst--
Ball of Fire
- 3. Erie Burst--
Ball of Fire
- 4. Blackfoot Burst--
Ball of Fire
- 5. Kickapoo Burst--
Ball of Fire
- 6. Osage Burst--
Ball of Fire
- 7. Mohawk Burst--
Ball of Fire

N12



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JUN 16 1994 Deleted

ALO-LA-6 (Report: SECRET)
Albuquerque Operations Office, AEC.
OPERATION REDWING. PACIFIC
PROVING GROUND SPRING &
SUMMER 1956. REPORT OF THE
MANAGER, ALBUQUERQUE
DIVISION, AEC. 1956. 131p.

Cd: UNCLASSIFIED
I. Corp. Auth.
1. Redwing

8-24-65

N3

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~~SECRET~~

JUN 16 1994

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CTG-7.1 Gen'l Concept-1-55

SECRET

Joint Task Force Seven. Task Group 7.1
GENERAL CONCEPT NO. 1-55 OF OPERATION REDWING AND MONTHLY STATUS REPORT.
Curry, Duncan Jr. April 12, 1955 59p.

- I. Curry, Duncan Jr.
- II. Joint Task Force Seven. Task Group 7.
- III. J3-50
- IV. J3-51
- V. J3-52
- VI. J3-53
- VII. J3-54
- VIII. J3-55
- IX. J3-56
- X. J3-57
- XI. J3-58

- XII. J3-59
- XIII. J3-60
- XIV. J3-61
- XV. J3-62
- XVI. J3-63 1. Redwing

CXXVIII-24 (Report: ~~SECRET~~ SECRET) card: UNCLASSIFIED

Calif. Univ., Livermore. Radiation Lab. 1. Redwing
PRELIMINARY DISCUSSION OF THE I. Personal Author
UNIVERSITY OF CALIFORNIA RADIATION II. Corp. Author
LABORATORY PLANS FOR OPERATION
REDWING. Mark M. Mills. July 7, 1955.
9p.

Auth. No. CXXVIII-24-18A.

N4

JUN 16 1994

EGG-1183-5082 (Rpt: S-RD)
EG & G, Los Alamos, NM and Los Alamos
Scientific Laboratory, NM.
REVIEW OF HIGH-SPEED PHOTOGRAPHIC RECORDS
(U). FY 76 YEAR END STATUS REPORT. C.K.
Mitchell and Harold I. Heaton. June 1977
48p. (LAD-8897).

- CD: UNCLASS.
- I. Authors(2)
 - II. Corp. Authors(2)
 - III. LAD-8879
 1. Atomic Explosions
-- Photographic
Analysis
 2. Flathead
 3. Dakota
 4. Redwing
 5. Ivy King

11/21/77

c. 1A Thru 20A

N11

EGG-1183-5038 (Report: SECRET-RD)
Edgerton, Germeshausen and Grier, Los
Alamos, New Mexico and Los Alamos
Scientific Lab., New Mexico.
OPERATION REDWING SPECTROGRAPHIC
OBSERVATIONS OF DAKOTA (0 - 10 usec)
(U). D. D. Cobb and C. K. Mitchell.
June 1974. 106p. (EGG-LAD-7676)

- Cd: UNCLASSIFIED
- I. Authors (2)
 - II. Corp. Authors (2)
 - III. EGG-LAD-7676
 1. Redwing
 2. Dakota
 3. Spectrum Analysis

10-3-74

N9

Rec'd:

Class:

Title List:

EG&G-1499 (Report: SECRET) Card: CONFIDENTIAL RD

Edgerton, Germeshausen & Grier, Inc.,
Boston
PROGRESS FOR THE MONTH OF JULY, 1956.
July 31, 1956. 23p.

9. Apache Burst—"Alpha"
10. Navajo Burst—"Alpha"
11. Time Interval (TN)—Measurement
 - I. Corporate Author
 - II. EG&G Control No. 00176

1. Pilgrim—
Preparation
2. Spark Gaps
3. Redwing
4. Mohawk Burst—
Ball of Fire
5. Apache Burst—
Ball of Fire
6. Navajo Burst—
Ball of Fire
7. Tewa Burst—
Ball of Fire
8. Huron Burst—
Ball of Fire

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EG&G-LV-216

SECRET
cd: CONFIDENTIAL

JUN 16 1994

Edgerton, Germeshausen &
Grier, Inc.
OPERATION REDWING. INTERIM
EXPERIMENTAL SUMMARY, E. G. & G
PROGRAMS.
Sept. 26, 1955 44p.

- 1. Redwing
- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-LV-1736
- III. No.
LV-1736

EG&G-LV-02562 (Report: CONFIDENTIAL)
Edgerton, Germeshausen & Grier, Inc.,
Las Vegas, Nevada.
REDWING PRINT ASSEMBLY SHEETS.
Sara Willett. November 23, 1956.
51p.

- cd: UNCLASSIFIED
- I. Author (1)
 - II. Corp. Auth.
 - III. LV-02562
 - 1. Redwing
 - 2. Photographic
Films

2-21-67

N6

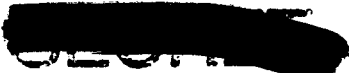
EG&G-OUT-1859

SECRET
Cd: OFFICIAL USE ONLY

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS REPORT FOR THE MONTH
OF JULY, 1955.
July 29, 1955 39p.

- 1. Redwing
- 2. Photography--
Equipment
- 3. Upshot-Knothole
--"Alpha"
Measurement
- 4. Upshot-Knothole-
Transit Times
- 5. Zucchini--Cloud
Formation

(Cont'i on cd 2)



JUN 16 1994

- 6. Apple--Cloud Formation
- 7. HA
- 8. Apple II--Cloud Formation
- 9. Spark Gaps
 - I. Edgerton, Germeshausen & Grier, Inc.
 - II. EG&G-1368

EG&G-OUT-1868

SECRET
Cd: OFFICIAL USE ONLY

Edgerton, Germeshausen & Grier,
 Inc.
 PROGRESS FOR THE MONTH OF
 AUGUST, 1955.
 Aug. 31, 1955 35p.

- I. Edgerton, Germeshausen & Grier, Inc.
- II EG&G-1374

- 1. Redwing--
Instrumentation
- 2. Redwing--Photo-
graphy
- 3. Redwing
- 4. High Speed Photo-
graphy
- 5. Time Interval--
Measurement
- 6. Spark Gaps

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JUN 16 1994



EG&G-PPG-2272 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier,
Boston.
ERIE ALPHA ANALYSIS. D. J. Barnes
June 8, 1956. 59p.

- 1. Erie Burst--
"Alpha"
- 2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2272

N6 3/62

EG&G-PPG-2315 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA- SHOT BLACKFOOT.
D. J. Barnes. June 19, 1956. 89p.

- 1. Blackfoot Burst--
"Alpha"
- 2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2315

N6 3/62

EG&G-PPG-2321 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA- SHOT OSAGE.
Donald J. Barnes. June 20, 1956. 23p.

- 1. Osage Burst--
"Alpha"
- 2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2321

N6 3/62



EG&G-PPG-2336 (Report: SECRET)

d: UNCLASSIFIED

JUN 16 1996

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA DAKOTA. D.
Barnes. June 28, 1956. 28p.

1. Dakota Burst--
"Alpha"
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2336

N6

3/62

EG&G-PPG-2340 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
COMMON TIME FIT- SHOT BLACKFOOT
(PRELIMINARY REPORT). D. J. Barnes.
June 30, 1956. 10p.

1. Blackfoot Burst--
--Time of Arrival
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2340

N6

3/62

EG&G-PPG-2372 (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
PRELIMINARY ALPHA SHOT APACHE.
D. J. Barnes. July 16, 1956. 37p.

1. Apache Burst--
"Alpha"
2. Redwing
 - I. Personal Author
 - II. Corp. Author
 - III. PPG-2372

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3/62

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EG&G-PPG-2373 (Report: SECRET)

UNCLASSIFIED

JUN 16 1994

Edgerton, Germeshausen & Grier, Inc.
Boston.

PRELIMINARY ALPHA - SHOT NAVAHO
D. J. Barnes. July 16, 1956. 27p.

- I. Navaho Burst--
"Alpha"
- II. Redwing
- III. Personal Author
- IV. Corp. Author
- V. PPG-2373

N6

3/62

EG&G-PPG-2400 I (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen and Grier, Inc.,
Boston, Mass.

PRELIMINARY ALPHA - SHOT TEWA.
D. Berkowitz. July 24, 1956. 19p.

1. Redwing
2. Tewa Burst
- I. Personal Author
- II. Corp. Author
- III. PPG-2400 I

N6

EG&G-Tech. Memo-B-37 (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen and Grier, Inc.,
Las Vegas, Nev.

EFFECTS OF LENS DISTORTION ON
REDWING CHEROKEE FIREBALL YIELD.
TECH. MEMO. B-37. July 9, 1957.
8p.

1. Redwing
2. Cherokee Burst
--Yield
- I. Corp. Author
- II. EG&G Control No.
00625

N5

~~SECRET~~

243

JUN 9 6 1995

EG&G-Tech. Memo-B-39 (Report: SECRET) Cd: CONFIDENTIAL
RD

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas, Nev.
TIME TO MINIMUM AND SECOND
MAXIMUM: SELECTED REDWING
SHOTS. TECHNICAL MEMORANDUM
B-39. E. Patricia Leary. July 9,
1957. 6p.

- 1. Redwing
- 2. Cherokee Burst
- 3. Navaho Burst
- 4. Lacrosse Burst
- 5. Erie Burst
- 6. Mohawk Burst
- I. Personal Author
- II. Corp. Author
- III. EG&G Control No.
00626

N10

Title List:

FILM-LXI-10011 (Film: TOP SECRET-RD)
Los Alamos Scientific Lab., N. Mex.
REDWING SUMMARY. [n.d.]. Black & White,
1265' 30 frame. (Film-Y-56)

- Cd: UNCLASSIFIED
- I. Corp. Auth.
- II. Film-Y-56
- 1. Redwing

Auth. No. LXI-10011-1S & 2N

5-10-71 prints #1S, 2N N6

Rec'd: Copies:

FILM-LXI-10012 (Film: TOP SECRET-RD)
Los Alamos Scientific Lab., N. Mex.
REDWING SUMMARY. [n.d.]. Black & White,
965' 31 frame. Sound. (Film-Y-57)

- Cd: UNCLASSIFIED
- I. Corp. Auth.
- II. Film-Y-57
- 1. Redwing

Auth. No. LXI-10012

5-10-71 prints #1S, 1N
3N, 4N NG

Rec'd: Copies:

JUN 16 1994

FILM-UCRL-IA-5 (Film: SECRET-RD) Cd: Unclass.
California. Univ., [Livermore, Calif.]. I. Corp. Auth.
Lawrence Radiation Lab. 1. Tewa Burst
"QUICKIE FILM" - Operation Redwing --- 2. Redwing
TEWA Event. [1956]. Black & White,
sd., 9 1/2 min., 16mm.

7-13-70

print #2

N6

FILM-Y-48 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex. 1. Erie Burst
OPERATION REDWING. ERIE SHOT. 2. Redwing
(MOTION PICTURE). Sept., 1956. I. Corp. Author
Scientific photography by Program 15.2.
Animation by LASL Graphic Arts. 4 min.,
sd., bw., 16 mm.

N4

2/62

FILM-Y-50 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex. 1. Lacrosse Burst
OPERATION REDWING, LACROSSE SHOT. 2. Redwing
(MOTION PICTURE). May, 1956. 15 min., I. Corp. Author
magnetic sd., bw., 16 mm.

N4

1/62

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JUN 16 1956

FILM-Y-52 (Film: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab., N. Mex. 1. Cherokee Burst
OPERATION REDWING, CHEROKEE SHOT. 2. Redwing
(MOTION PICTURE). May, 1956. 12 min., I. Corp. Author
magnetic sd., bw., 16 mm.

N4 1/62

FWC-M91

SECRET

LASL. Fission Weapon Committee
MINUTES OF THE NINETY-FIRST
MEETING, 30 MARCH 1955.
Best, George H April 4, 1955
4p.

- 1. Wasp
- 2. Apple
- 3. Redwing
- I. Best, George H-
- II. LASL. Fission
Weapon Committee
- III. GMX-1070

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Set No. 1A
LA-84-55-9

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FWC-M97

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FWC-M97

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Cd: CONFIDENTIAL

- I. Best, George H
- II. LASL. Fission Weapons Committee
- III. GMX-1125

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JUN 6 1992

HN-LA-61 (Report: SECRET) Card: UNCLASSIFIED

Holmes and Narver, Inc.
COMPLETION REPORT, OPERATION
REDWING, U.S. ATOMIC ENERGY
COMMISSION PACIFIC PROVING
GROUND. 1954 - 1956. 189p.

- 1. Redwing
- 2. Eniwetok Proving Ground
 - I. Corp. Author
 - II. (LA-1862)
 - III. (LA-1843)

N6

ITR-1344 (Report: SECRET)

Office of the Deputy Chief of Staff,
Weapons Effects Tests, Field
Command, AFSWP.
SUMMARY REPORT OF THE
COMMANDER, TASK UNIT 3.
MILITARY EFFECTS, PROGRAMS
1 - 9. OPERATION REDWING
PRELIMINARY REPORT. K. D.
Coleman. November, 1956. 176p.

- 1. Redwing
- 2. Effects Experiments
 - I. Personal Author
 - II. Corp. Author

N5

J3-142

SECRET
cd: CONFIDENTIAL

Joint Task Force Seven. Task
Group 7.1
SCHEDULE OF PARTICIPATION IN
REDWING.
Kerwin, W T Aug. 18, 1955
13.

- 1. Redwing
 - I. Kerwin, W T
 - II. Joint Task Force Seven. Task Group 7.1

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SCHEDULE OF PARTICIPATION IN REDWING. (REVISION NO. 1 TO REDWING PARTICIPATION).
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August 20, 1956. 5p.

- 1. Redwing
- 2. Pilgrim
- 3. Hardtack
- 4. Joint Task Force Seven. Task Group 7.1
- I. Personal Author
- II. Corporate Author

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Los Alamos Scientific Lab., New Mexico
FIREBALL YIELDS REDWING.
Joseph F. Mullaney. August 17, 1959.
28p.

- 1. Authors (6)
- II. Corp. Auth.
- 1. Redwing

Work done by: Leroy N. Blumberg, Robert D. Cowan, Louis Gatt, Herman Hoerlin, Thomas L. Jordan, Jr., Joseph F. Mullaney.

JO-89

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LASL. Pogo Staff
MINUTES OF MEETING, DECEMBER 22,
1954.

Ogle, William E Dec. 28, 1954
3p.

1. Dixie
 2. Redwing
 3. Teapot
 4. Small Implosion
Weapons
- I. Ogle, William
 - II. LASL. Pogo Staff

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LA-417-56-18

JTF-7-Order 1-54

Secret

LASL. Joint Task Force Seven.
Task Group 7.1
Commander Task Group 7.1, Joint
Task Force Seven Operation
Order No. 1-54.
28 June 1954 4p.

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LASL. Joint Task
Force Seven. Task
Group 7.1
J3-1
1. Castle
2. Redwing

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7.5
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- 1. Redwing
- 1. Corp. Author

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PROVING GROUND. SECTION II.
ADDENDUM. 1956. 26p.

- I. Redwing
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Los Alamos Scientific Lab., NM.
EFFECT OF DEVICE EMPLACEMENT ON THE POWER-TIME
CURVES OF NUCLEAR EXPLOSIONS IN THE ATMOSPHERE
(U). Marvin M. Hoffman. September 1976. 25p.

- Cd: UNCLASSIFIED
- I. Author
- II. Corp. Author
- 1. Atomic Explosions--
Diagnostic Experiments
- 2. Atmospheric Bursts
- 3. Redwing
- 4. Hardtack
- 5. Bhangmeters

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LA-11404 (Rpt:Secret/RD)
Los Alamos National Laboratory.
BRIEF HISTORY OF THE FIRST EFFORTS OF THE
LIVERMORE SMALL-WEAPONS PROGRAM (U).
Lawrence S. Germain. Jan. 1991. 30 p.

- Cd:Unclassified
- I. Corp. Auth.
- II. Auth. (1)
- 1. Atomic weapons--
Design--History
- 2. Teapot
- 3. Upshot-Knothole
- 4. Redwing
- 5. Plumbob
- 6. Hardtack
- 7. One-Point tests
- 8. Lawrence
Livermore National
Laboratory--
Research--History

5-15-91
WS

c.33A thru 119A

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LA-AC-56-2 (Secret/RD)
Los Alamos Scientific Laboratory.
OPERATION REDWING, CHEROKEE SHOT.
Audio Cassette. May 1956. 1
cassette. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-52
1. Redwing
2. Cherokee burst

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4-4-84
NWN

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LA-AC-56-4 (Secret/RD)
Los Alamos Scientific Laboratory.
OPERATION REDWING, LACROSSE SHOT.
Audio Cassette. May 1956. 1
cassette. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-50
1. Lacrosse burst
2. Redwing

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LA-AC-84-4 (Secret/RD)
Los Alamos Scientific Laboratory.
REDWING SUMMARY. Audio Cassette.
[n.d.] 1 cassette tape. Soundtrack.

CD: Unclass.
I. Corp. Auth.
II. FILM-Y-56
1. Redwing

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LA-AC-84-5 (Secret/RD)
Los Alamos Scientific Laboratory.
REDWING SUMMARY. Audio Cassette.
n.d. 1 cassette tape. Soundtrack
for: FILM-Y-57.
Auth. No. LXI-10012

CD: Unclass.
I. Corp. Auth.
II. Film-Y-57
1. Redwing

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LAMD-1345

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Los Alamos Scientific Laboratory
LOS ALAMOS SCIENTIFIC LABORATORY
PROGRAM FOR THE PERIOD CALENDAR
YEAR 1955 AND CALENDAR YEAR 1956.
Bradbury, N E Dec. 22, 1954 4p.

- 1. Los Alamos Scientific Lab.
- 2. Nuclear Power
- 3. Thermonuclear Power
- 4. Implosion Weapons
- 5. Gun-Type Weapons
- 6. Thermonuclear Weapons
- 7. Teapot
- 8. Dixie
- 9. Redwing
- I. Bradbury, Norris
- E

Auth. No. CX-1036-32A.

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II. Los Alamos Scientific Laboratory

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CE: CONF.

JUN 16 1957

Los Alamos Scientific Laboratory
PROGRAM FOR THE PERIOD CALENDAR
YEAR 1956 AND CALENDAR YEAR 1957.
Bradbury, N E Dec. 29, 1955 8p.

1. Los Alamos Scientific Lab.
2. Computers
3. Nuclear Power
4. Lapre I
5. Lapre II
6. Lampre
7. Thermonuclear Power
8. Nuclear Propulsion
9. Implosion Weapons
10. Thermonuclear Weapons

auth. No. CX-1120-32A

(Cont'd on card 2)

LAMD-1393

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11. Gun-type weapons
12. Small atomic weapons
13. Redwing
14. Pilgrim
15. One-Point Detonation
 - I. Los Alamos Scientific Lab.
 - II. Bradbury, N E

LAMD-1409 (Rpt: SECRET) Cd: O.U.O.

Los Alamos Scientific Laboratory
TRANSCRIPT OF TALK — REDWING.
Mark, Carson 1956 32p.

1. Redwing
 - I. Mark, Carson
 - II. Los Alamos Scientific Laboratory



JUN 16 1994

NDL-TR-74 (Report: ~~SECRET~~) Cd: UNCLASSIFIED
Nuclear Defense Lab., Edgewood Arsenal,
Md.
GAMMA DOSE RATE COMPILATION (U).
W.E. Loewe, J.W. Mandler, T.G.
Stinchcomb and W.E. Zagotta.
June 1966. 251p.

- I. Author
- II. Corp. Author
- III. Gamma Radiation
- IV. Greenhouse
- V. Bus
- VI. Tunnel
- VII. Ivy
- VIII. Castle
- IX. Redwing
- X. Plumbuck
- XI. Hardtack
- XII. Sun Beam
- XIII. Fish Bowl

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OA-LIV-490 (Report: ~~SECRET~~)
Joint Task Force Seven
FINAL REPORT, OPERATION REDWING.
B. Hall Hanlon. August 27, 1956. 49p.
Auth. No. OA-LIV-490-6A

Redwing
I. Reducing
I. Personal Author
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SWDB-56-102-2 (Report: SECRET) Card: CONFIDENTIAL RD

Sandia Corp. Special Weapons
Development Board.
MINUTES OF THE 102ND MEETING,
AUGUST 29, 1956. PART TWO.
August 29, 1956. 18p.

1. Redwing
2. Navaho Burst
3. Huron Burst
4. Mohawk Burst
5. Apache Burst
6. Tewa Burst
7. Vulnerability Studies
8. Storage Hazards
9. Totem Pole
- I. Corporate Author
- II. Q-60869

Tech. Memo. 120-56-51 (Report: SECRET) Card: OFFICIAL USE ONLY

Sandia Corporation
SOME PRESHOT CONSIDERATIONS OF THE
TOTEM POLE EXPERIMENT. TECH. MEMO.
Richardson, H M May 15, 1956 38p.

1. Totem Pole
2. Redwing
3. Kickapoo Burst
- I. Richardson, H M
- II. Sandia Corp.
- III. Q-58629
- IV. Ref. Syn: 7223
(316)
- V. Case No.
407.09

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UCRL-4828 (Report: SECRET) Card: UNCLASSIFIED

California. University. Livermore.
Radiation Laboratory.
REDWING SUBCRITICAL MEASURE-
MENTS. H. Robert Ralston. March 15,
1957. 55p.

- 1. Redwing
- 2. Mockingbird--Testing
- 3. Taxi
- I. Personal Author
- II. Corp. Author

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Calif. Univ., Livermore. Radiation Lab.
CORRELATION OF FRACTIONATION
PHENOMENA IN THE TEWA EVENT OF
OPERATION REDWING: SUGGESTION
FOR THE CONTROL OF FRACTION-
ATION. P. C. Stevenson, H. G. Hicks,
W. E. Nervik, and H. B. Levy. Nov.
21, 1957. 29p.

- 1. Tewa Burst--
Fractionation
- 2. Redwing
- 3. Fractionation
- I. Authors (4)
- II. Corp. Author

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Calif. Univ., Livermore. Radiation Lab.
MEASUREMENT OF TIME OF CONDEN-
SATION OF BOMB DEBRIS BY A
RADIOCHEMICAL TECHNIQUE. P.
C. Stevenson. January 7, 1958. 26p.

- 1. Tewa Burst
- 2. Redwing
- 3. Whitney Burst
- 4. Plumbbob
- 5. Fission Products
--Fractionation
- 6. Bomb Debris
- I. Personal Author
- II. Corp. Author

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D.S.

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WT-1344 (Report: SECRET)

Defense Atomic Support Agency. Field
Command, Albq., N. Mex.
TECHNICAL SUMMARY OF MILITARY
EFFECTS, PROGRAMS 1 - 9. OPERATION
REDWING. April 25, 1961. 275p.

- 1. Cherokee Burst
- 2. Lacrosse Burst
- 3. Zuni Burst
- 4. Inca Burst
- 5. Redwing
- 6. Structures--
Effects of Blast
- 7. Blast Damage
- 1. Corp. Author

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WT-1359 (Report: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab.
REPORT OF THE COMMANDER:
TASK GROUP 7.1. Gaelen Felt.
August, 1956. 163p.

- I. Redwing
- I. Personal Author
- II. Corp. Author

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1. Redwing
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NEUTRON MEASUREMENTS WITH
THRESHOLD DETECTORS, OPERATION
REDWING. Wendell A. Biggers.
March, 1957. 20p.

1. Redwing
2. Neutrons --
Measurement
3. Atomic Explosions
Field
4. Neutron Detection
Instruments
- I. Personal Author
- II. Corp. Author

WT-1366 (Report: SECRET) Card: UNCLASSIFIED

Los Alamos Scientific Lab.
RADIOLOGICAL SAFETY. OPERATION
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May, 1957.

1. Redwing
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3. Eniwetok
Proving Ground
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Los Alamos Scientific Lab.
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- 1. Redwing
- 2. Radiation Hazards
- 3. Radiation Protection
 - I. Personal Author
 - II. Corp. Author

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CTG-7.3 (Final) (Report: SECRET)

Naval Gun Factory, Wash., D.C. Task
Group 7.3
OPERATION REDWING, PACIFIC PROVING
GROUND, MARCH - AUGUST 1956. FINAL
REPORT. 1956 196p.

- 1. Redwing—
Administration
and Organization
 - I. Corporate Author

EG&G-OUT-1946

Edgerton, Gerneshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF DECEMBER 1955.
Dec. 28, 1955 20p.

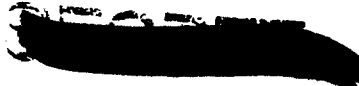
SECRET CD: UNCLASS.

- 1. Redwing—
Administration
and Organization
- 2. Redwing—
Instrumentation
- 3. Spark Gaps—
Development
 - I. Edgerton,
Gerneshausen &
Grier, Inc.
 - II. EG&G-1430

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J3-430



SECRET CD: CONF. D.I.

JUN 16 1956

Joint Task Force Seven. Task Group 7.1
OPERATION REDWING, OPERATION PLAN NO.
1-56.

January 25, 1956
127 p.

- 1. Redwing--
Administration and
Organization
- I. Joint Task Force
Seven. Task Group 7.1

SWC-7S46610 (Report: SECRET)

Joint Task Force 7. Task Group 7.4.
FINAL REPORT OF THE COMMANDER
TASK GROUP 7.4. OPERATION
REDWING. (1956). 181p. John S.
Samuel.

- 1. Redwing--
Administration
and Organization
- 2. Sample Collection
- I. Personal Author
- II. Corp. Author

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EG&G-OUT-1892

SECRET
Cd: CONFIDENTIAL

Egerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.
Sept. 30, 1955 32.

- I. Egerton, Germeshausen
& Grier, Inc.
- II. EG&G-1397

- 1. Redwing--Photography
- 2. Redwing--
Instrumentation
- 3. High Speed Photo-
graphy--Instrumenta-
tion
- 4. Redwing--"Alpha"
Measurements
- 5. Breakaway
- 6. X-Units
- 7. Nevada One-Point
Tests




EG&G-LV-02480 (Report: SECRET) Card: UNCLASSIFIED

JUN 6 1994

Edgerton, Germeshausen & Grier, Inc.,
Las Vegas, Nev.
ALPHA WORKSHEET SUMMARY. Bruce
Carder. September 12, 1956. 45p.

1. "Alpha"
Measurements
2. Redwing--"Alpha"
 - I. Personal Author
 - II. Corp. Author
 - III. LV-02480

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EG&G-PPG-2400 B (Report: SECRET) Card: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston.
ALPHA WORKSHEET SUMMARY. 1956.
45p.

1. "Alpha"
Measurements
2. Redwing--"Alpha"
 - I. Corp. Author
 - II. PPG-2400 B

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EG&G-Tech. Memo. B-57 (Report: SECRET) Cd: UNCLASSIFIED

Edgerton, Germeshausen & Grier, Inc.,
Boston, Mass.
MAXIMUM FIREBALL DIAMETER OF
SELECTED REDWING SHOTS. K. A.
McQuillan. October 29, 1957. 2p.

1. Redwing--Ball
of Fire
2. Ball of Fire
 - I. Personal Author
 - II. Corp. Author
 - III. EG&G-Control
0811


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EGG-10282-5006 (Rpt:Secret/RD)
EG & G, Inc. Energy Measurements Group.
RADIOMETRIC REDUCTION DATA FROM TUMBLER-
SNAPPER EVENTS III AND IV (U). L. Rauber
and D. Wright. Jan. 1988. 188 p. (WAD-700)

Classified
I No Auth.
II Auth (2)
III WAD 700
1. Tumbler-Snapper
Burst 3--Ball
of Fire
2. Tumbler-Snapper
Burst 4--Ball
of Fire
3. Redwing--Ball
of Fire
4. Navajo Burst--
Analysis
5. Flathead Burst--
Analysis

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TM-132

LASL. Theoretical Megaton
Group
MINUTES OF THE SEVENTY-FIFTH
MEETING, MARCH 28, 1955.
Hoyt, Frank C March 30, 1955
6p.

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1. Redwing-Dixie
2. Clean Bombs
3. Two-Stage Gadgets
4. Atlas
5. Two Stage Primary
Bombs
I. Hoyt, Frank C
II. LASL. Theore-
tical Megaton
Group

RM-1932 (Report: SECRET)

Rand Corporation
FRACTION OF REDWING RADIO-
ACTIVITY IN LOCAL FALLOUT. B.
L. Tucker. July 9, 1957. 16p.

1. Redwing--Fall-
Out
2. Zuni Burst
3. Tewa Burst--
Fall-Out
4. Navaho Burst--
Fall-Out
5. Flathead Burst--
Fall-Out
I. Personal Author
II. Corp. Author
III. AFSWP 1053

N9

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ITR-1345 (Report: CONFIDENTIAL)

Armed Forces Special Weapons Project.
Field Command
GAMMA RAYS FROM PLANE AND
VOLUME SOURCE DISTRIBUTIONS.
OPERATION REDWING - PRELIMINARY
REPORT, PROGRAM 2. Victor A. J.
Van Lint. September, 1956. 38p.

1. Redwing--Gamma
Radiation
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Calculations
 - I. Personal Author
 - II. Corp. Author

NRDL-TR-146 (Report: CONFIDENTIAL)

Naval Radiological Defense Lab.
SPECTROMETRIC ANALYSIS OF
GAMMA RADIATION FROM FALLOUT
FROM OPERATION REDWING. W.E.
Thompson. April 29, 1957. 42p. and 2p.
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1. Redwing--Gamma
Radiation
2. Zuni--Gamma
Radiation
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Radiation
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Na²⁴
 - I. Personal Author
 - II. Corp. Author

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JTF.7, Redwing-1956 (Report: CONFIDENTIAL)

Joint Task Force Seven, Wash., D.C.
HISTORY OF OPERATION REDWING:
THE ATOMIC WEAPONS TESTS
IN THE PACIFIC, 1956. Martin
Blumenson and Hugh D. Hexamer.
December 1, 1956. 117p.

1. Redwing--History
 - I. Authors (2)
 - II. Corp. Author

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EG&G-1447 (Rpt: SECRET) Cd: CONFI.

Edgerton, Germeshausen & Grier, Inc.
Boston.
PROGRESS FOR THE MONTH OF FEBRUARY,
1956.

February 29, 1956 20p.

- II. EG&G-OUT-1975
- III. Contract AT(29-1)-1183

- 1. Redwing--
Instrumentation
- 2. Lacrosse Burst
--"Alpha"
- 3. Erie Burst
--"Alpha"
- 4. Blackfoot
Burst--"Alpha"
- 5. Osage Burst
--"Alpha"
- 6. Spark Gaps
- I. Edgerton, Germe-
hausen & Grier,
Inc., Boston

EG&G-LV-233

SECRET
CD: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.
PRELIMINARY SURVEY DATA
OPERATION REDWING.

Nov. 25, 1955 14p.

- 1. Redwing--
Instrumentation
- I. Edgerton,
Germeshausen &
Grier, Inc.
- II. EG&G-LV-1872
- III. LV-1872

EG&G-OUT-1868

SECRET
Cd: OFFICIAL USE ONLY

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
AUGUST, 1955.

Aug. 31, 1955 35p.

- I. Edgerton, Germeshausen
& Grier, Inc.
- II. EG&G-1374

- 1. Redwing--
Instrumentation
- 2. Redwing--Photo-
graphy
- 3. Redwing
- 4. High Speed Photo-
graphy
- 5. Time Interval--
Measurement
- 6. Spark Gaps

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JUN 16 199

EG&G-OUT-1892

SECRET
Cd: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.
Sept. 30, 1955 32 .

1. Redwing--Photography
2. Redwing--
Instrumentation
3. High Speed Photo-
graphy--Instrumenta-
tion
4. Redwing--"Alpha"
Measurements
5. Breakaway
6. X-Units
7. Nevada One-Point
Tests

- I. Edgerton, Germeshausen
& Grier, Inc.
- II. EG&G-1397

EG&G-OUT-1905

SECRET
CD: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.
PROGRESS FOR THE MONTH OF
OCTOBER, 1955.
Oct. 31, 1955 29p.

1. Redwing--Instru-
mentation
2. Redwing--Photo-
graphy
3. Smoke Rockets--
Testing
4. "Alpha" Measure-
ments--Instru-
mentation
(Cont'd on cd 2)

EG&G-OUT-1905

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SECRET
CD: CONFIDENTIAL

5. Edgerton,
Germeshausen &
Grier, Inc.--
Report Lists
- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-1408

SECRET

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EG&G-OUT-1936

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF NOVEMBER, 1955.
Nov. 30, 1955 20p.

SECRET CD: CONFI.

1. Redwing—
Instrumentation
 2. Scaling Laws
 3. Spark Gaps
 4. 56 Project NTS
- I. Edgerton, Germeshausen & Grier, Inc.
 - II. EG&G-1422

EG&G-OUT-1946

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF DECEMBER 1955.
Dec. 28, 1955 20p.

SECRET CD: UNCLASS.

1. Redwing—
Administration
and Organization
 2. Redwing—
Instrumentation
 3. Spark Gaps—
Development
- I. Edgerton,
Germeshausen &
Grier, Inc.
 - II. EG&G-1430

EG&G-OUT-1960

Edgerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF JANUARY,
1956.

January 31, 1956 21p.

SECRET CD: UNCLASS.

1. Redwing—
Instrumentation
 2. Spark Gaps—
Development
- I. Edgerton,
Germeshausen
& Grier, Inc.
 - II. EG&G-1436

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J-6-3536 (Report: SECRET) Cd: UNCLASSIFIED
Los Alamos Scientific Lab., N. Mex.
Task Group 7.1.
INSTRUMENT CHART, OPERATION REDWING.
Feb. 27, 1967. 72p.

- I. Corp. Auth.
1. Redwing
--Instrumentation

4-25-67

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WT-1303 (Report: SECRET)

Naval Ordnance Lab., White Oak, Md.
AIR BLAST AND SHOCK PHENOMENA
BY PHOTOGRAPHY. OPERATION
REDWING - PROJECT 1.3. L. J.
Belliveau and P. Hanlon. Sept. 22,
1959. 46p.

1. Redwing.
Project 1.3
2. Redwing--
Instrumentation
3. Blast Waves--
Measurement
 - I. Authors (2)
 - II. Corp. Author

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UCRL-5995 (Report: SECRET) card: UNCLASSIFIED

California. Univ., Livermore. Lawrence
Radiation Lab.
EXTERNAL NEUTRON MEASUREMENTS
MADE BY RADIOCHEMICAL METHODS
IN OPERATIONS REDWING AND HARD-
TACK ON FLUTE, WHISTLE, AND
CHERUB. Norman A. Bonner. June 27,
1960. 31p.

1. Flute--Neutron
Measurements
2. Whistle--Neutron
Measurements
3. Cherub--Neutron
Measurements
4. Redwing--Neutron
Measurements
5. Hardtack--Neutron
Measurements
6. Neutron Measure-
ments
 - I. Personal Author
 - II. Corp. Author

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EG&G-1640 (Report: SECRET) Card: UNCLASSIFIED

Egerton, Germeshausen & Grier, Inc.,
Boston
OPERATION REDWING: PROJECT NOS.
15.1 AND 23.2. TECHNICAL PHOTO-
GRAPHY OF EARLY CLOUD GROWTH
AND MOTION. July 22, 1957. 31p.

- 1. Redwing--
Photographic
Analysis
- 2. Atomic Cloud
1. Corp. Author
- II. EG&G Control
No. 00654

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EG&G-1677 (Report: SECRET) Card: UNCLASSIFIED

Egerton, Germeshausen & Grier, Inc.
TECHNICAL PHOTOGRAPHY. OPER-
ATION REDWING, PROJECTS 9.1, 15.1,
23.1, 23.2, AND 23.5. March 14, 1958.
185p.

- 1. Redwing. Project
9.1
- 2. Redwing. Project
15.1
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23.1
- 4. Redwing. Project
23.2
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23.5
- 6. Redwing--
Photographic
Analysis
- 1. Corp. Author
- II. EG&G Control 0859
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Egerton, Germeshausen & Grier, Inc.
OPERATION REDWING, FIRST PRELIMINARY
PHOTO PLAN. PROJECTS 9.1 - 15.1 -
23.1 - 23.2 - 23.5.
Sept. 1, 1955 23p.

- 1. Redwing--
Photography
- 2. Redwing.
Project 9.1
- 3. Redwing.
Project 15.1
- 4. Redwing.
Project 23.1
- 5. Redwing.
Project 23.2

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Egerton, Germeshausen & Grier, Inc.
OPERATION REDWING THIRD PRELIMINARY PHOTO PLAN PROGRAMS
15-23-9.1.
Oct. 20, 1955 23p.

1. Redwing--Photography
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- I. Egerton, Germeshausen & Grier, Inc.
- II. EG&G-LV-224
- III. LV-01817
- IV. EG&G-LV-01817

EG&G-OUT-1751

SECRET

Egerton, Germeshausen & Grier, Inc.
PROGRESS FOR THE MONTH OF
DECEMBER, 1954.
Dec. 31, 1954 36p.

1. Teapot
2. Redwing--Photography
3. Castle
4. Triggered Mark Gaps
5. Wigwam
- I. Egerton, Germeshausen & Grier, Inc.

EG&G-OUT-1752

SECRET

Egerton, Germeshausen & Grier, Inc.
PROGRESS REPORT FOR THE MONTH
OF JANUARY, 1955.
Jan. 31, 1955 39p.

1. Teapot--Photography
2. Redwing--Photography
3. Teapot--Alpha Measurements
- I. Egerton, Germeshausen & Grier, Inc.
- II. Contract No. AT(29-1)-1183

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EG&G-OUT-1868



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Edgerton, Germeshausen & Grier,
Inc.

PROGRESS FOR THE MONTH OF
AUGUST, 1955.

Aug. 31, 1955 35p.

I. Edgerton, Germeshausen
& Grier, Inc.

II EG&G-1374

1. Redwing--
Instrumentation
2. Redwing--Photo-
graphy
3. Redwing
4. High Speed Photo-
graphy
5. Time Interval--
Measurement
6. Spark Gaps

EG&G-OUT-1892

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Edgerton, Germeshausen & Grier,
Inc.

PROGRESS FOR THE MONTH OF
SEPTEMBER, 1955.

Sept. 30, 1955 32.

I. Edgerton, Germeshausen
& Grier, Inc.

II. EG&G-1397

1. Redwing--Photography
2. Redwing--
Instrumentation
3. High Speed Photo-
graphy--Instrumenta-
tion
4. Redwing--"Alpha"
Measurements
5. Breakaway
6. X-Units
7. Nevada One-Point
Tests

EG&G-OUT-1905

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CD: CONFIDENTIAL

Edgerton, Germeshausen & Grier,
Inc.

PROGRESS FOR THE MONTH OF
OCTOBER, 1955.

Oct. 31, 1955 29p.

1. Redwing--Instru-
mentation
 2. Redwing--Photo-
graphy
 3. Smoke Rockets--
Testing
 4. "Alpha" Measure-
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mentation
- (Cont'd on cd 2)



EG&G-OUT-1905

Cd 2

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Grier, Inc.--
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- I. Edgerton, Germes-
hausen & Grier, Inc
- II. EG&G-1408

EG&G-OUT-1988 (Report: SECRET) CD: UNCLASSIFIED

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PROGRESS REPORT FOR THE MONTH OF MARCH,
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March 30, 1956 18p.

- 1. Redwing--
Preparation
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Grier, Inc.,
Boston
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HN-LA-52 (Report: SECRET) Card: UNCLASSIFIED

Holmes and Narver, Inc.
MONTHLY NARRATIVE REPORT.
May 15, 1956 79p.

- 1. Pacific Proving Grounds—
Buildings and Facilities
- 2. Redwing—
Preparation
 - I. Holmes and Narver, Inc.
 - II. Contract AT-(29-2)-20

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Los Alamos Scientific Laboratory
BOMB FRACTION TRACERS FOR REDWING.
Cowan, George A Feb. 29, 1956
2p.

- 1. Tracer Techniques
- 2. Fractionation—Measurement
- 3. Redwing—
Preparation
 - I. Cowan, George A
 - II. Los Alamos Scientific Lab.
 - III. FWC-M105

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LA-142-56-10

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JUN 18 1956

Sandia Corporation
XR SYSTEMS FOR OPERATION REDWING.
Carr, B J March 28, 1956 59p.

1. External Initia-
tors
2. Redwing--
Preparation
3. S-Units
- I. Carr, B J
- II. Sandia Corp.
- III. Q-56766
- IV. Ref. Sym:
7223 (301)

LA-323-56-8

MCL-TP-35 (Report: SECRET) cd: UNCLASSIFIED

McClellan Central Laboratory, McClellan
Air Force Base, Calif.
FINAL REPORT ON THE RADIOCHEMICAL
CHARACTERISTICS OF THE REDWING
SERIES. Joseph E. Duval, edited by:
Elwood M. Douthett. January 23, 1958.
230p.

- I. Authors (2)
- II. Corp. Author
- III. MCL-7276
1. Redwing--
Radiochemical
Analysis

2-26-63

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TL-6TR-3572 (Report: SECRET) Card: UNCLASSIFIED

Tracerlab, Inc. Eastern Div. Labs.
HEAVY ELEMENT CHEMISTRY
AND PARTICLE ANALYSIS OF
FILTER PAPER SAMPLES.
REDWING DATA REPORT, SPRING AND
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1. Redwing--
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JUN 16 1994

JO-136



SECRET
Cd: SECRET

LASL. Pogo Staff
NOTES OF 1ST POGO STAFF
MEETING.

Sept. 12, 1955 3p.

1. Redwing--Spectroscopy
I. LASL. Pogo Staff

LA-208-55-3
Set No. 1A

JO-137

SECRET
Cd: SECRET

LASL. Pogo Staff
NOTES OF 2ND POGO STAFF
MEETING.

Sept. 15, 1955 3p.

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I. LASL. Pogo Staff

LA-207-55-3
Set No. 1A

JO-138

SECRET
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LASL. Pogo Staff
NOTES OF THE 3RD MEETING,
SEPTEMBER 19, 1955.

Sept. 19, 1955 3p.

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Stanford Research Inst., Menlo Park,
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SCIENTIFIC REPORT I. R.A. Nelson
and Paul D. Marr. July, 1958. 42p.

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--Detection
2. Redwing--Radiation
Effects
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 - I. Authors (2)
 - II. Corp. Author

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Joint Task Force Seven. Task Group 7.2
OPERATION REDWING, FINAL REPORT,
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General Electric Co., Santa Barbara, Calif.
INFRARED RADIATION INDUCED BY ATMOSPHERIC
NUCLEAR DETONATIONS (U). D. H. Archer,
D. W. Griesinger, and C. Hebner. February
20, 1967. 95p.

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II. Corp. Auth.
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--Radiation
P. Hardtack
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4. Infrared Radiation

Hardtack
JUN 26 1992

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Title List: 756

ABMA-DA-TN-180 (Report: SECRET)

Army Ballistic Missile Agency, Redstone Arsenal, Ala. Development Operations Div.
STANDARD TRAJECTORY FOR PROJECT HANDBOOK UHA. DA TECHNICAL NOTE 87. Feb. 7, 1958. 107p.

1. High Altitude Bursts
2. Hardtack
I. Corp. Author
II. ABMA-DA-TN-87
III. DA-TN-87
IV. DA-TN-70
V. DA-TN-8
VI. DA-TN-14
VII. C-255506
VIII. DA-TN-180

This report supersedes DA-TN-70, DA-TN-14 and DA-TN-8.

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Stanford Research Inst., Menlo Park, Calif.
OPERATION HARDTACK/NEWSREEL RADIO ATTENUATION AND REFLECTION PHENOMENA. FINAL REPORT - PART I. L. T. Dolphin and R. B. Dyce. February 1960. 169p.

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I. Authors (2)
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IV. AFCRC-TR-60-105

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ALO-LA-5 (Report: SECRET) Cd: UNCLASSIFIED
Albuquerque Operations Office, AEC.
PROJECT 58A-NTS. REPORT OF
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ENERGY COMMISSION NEVADA
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TEST SITE. March 1958. 4lp.

1. Corp. Auth.
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2. Hardtack

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COT-58-5 (Report: SECRET) Card: CONFIDENTIAL RD

Calif. Univ., Livermore. Radiation Lab. 1. Hardtack
LIVERMORE MEGATON GROUP MEETING 2. Egg (UCRL)
ON JANUARY 10, 1958. G. T. Pelsor. 3. TX-41 Weapon
Jan. 15, 1958. 4p. 1. Personal Author
II. Corp. Author
III. LMG-91

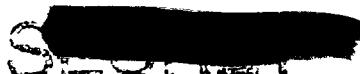
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OPERATION HARDTACK, ENIWETOK
PROVING GROUND, MARCH - AUGUST
1958. FINAL REPORT. November 3,
1958. 280p.

1. Hardtack
- I. Corp. Author

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Defense Atomic Support Agency, Field
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REPORT ON SHIELDING UTILIZED ON
PLUMBBOB AND HARDTACK TEST
DEVICES. Charles W. Hulburt. Oct. 5,
1959. 73p.

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- 2. Hardtack
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PROGRESS FOR THE MONTH OF
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1958. June 30, 1958. 31p.

- 1. Hardtack
- 2. Atomic Explosions
--Yield
- I. Corp. Author

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Edgerton, Germeshausen and Grier,
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- I. Hardtack
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EG & G, Inc.
VERY-LONG-RANGE LIGHT MEASUREMENTS : OPERATION
HARDTACK. John C. Champeny. Dec. 1958.
164 p. (JHH-76-540) (ACV:GMS:217)

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- I. Corp. Auth.
 - II. Auth. (1)
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1. Hardtack
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Project 26.13
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Boston
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TECHNICAL MEMO. B-68. D. F.
Seacord, Jr. February 4, 1958. 19p.

- 1. Hardtack
- 2. Wahoo Burst
- 3. Underwater Bursts
- I. Personal Author
- II. Corp. Author

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Armed Forces Special Weapons Project,
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Armed Forces Special Weapons Project
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REPORT ON OPERATIONAL ASPECTS
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Harry C. Henry. November 21, 1957
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Los Alamos Scientific Lab., GMX-4
HARDTACK TSETSE. Carl Holtom and
James J. Billings. Oct. 1958. 143p.

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- I. Authors (2)
- II. Corp. Author

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Dept. of Defense, Wash., D.C.
OPERATION HARDTACK, WEAPONS
EFFECTS PROGRAM, ENIWETOK
PROVING GROUND, SPRING, 1958.
September, 1957. 107p.

- 1. Hardtack
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Ground
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Dept. of Defense, Wash., D.C.
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November, 1957. 9p.

1. Hardtack
2. Teak Burst
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HN-E-4-59 (Report: SECRET)

Holmes and Narver, Inc., Los Angeles.
POSTSHOT DAMAGE, OPERATION HARD-
TACK, PHASE I. U.S.A.E.C., ENIWETOK
PROVING GROUND, 1956 - 1958. Aug.
1959. 108p.

1. Structures --
Effects of Atomic
Explosions
2. Hardtack
 1. Corp. Author
- II. E-4-59

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Advanced Research Projects Agency,
Institute for Defense Analysis, Wash.,
D. C.
REPORT ON NUCLEAR INTERFERENCE.
1960. 142p.

1. Teak Burst
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3. Communications
Systems -- Effects
of Atomic
Explosions
4. Radar -- Effects of
Atomic Explosions
5. Hardtack
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Sandia Corporation
OPERATION HARDTACK HIGH ALTITUDE
MEASUREMENTS. JOHNSTON ISLAND,
AUGUST, 1958, PROGRAM 32. 327.

1. Hardtack
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3. Orange Burst
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- I. Corp. Author
- II. Ref. Sym: 5111, 264

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ITR-1603 (Report: CONFIDENTIAL)

Sandia Corp., Albuquerque, N. Mex.
DIMENSIONS OF NUCLEAR CLOUD
FROM A VERY-LOW-YIELD BURST.
OPERATION HARDTACK - PROJECT
2.14b/34.9. H. G. Sweeney and M.
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August 20, 1956. 5p.

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Joint Task Force Seven, Los Alamos I. Corp. Auth.
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OPERATION HARDTACK. GENERAL
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7.1. June 1, 1957. 44p.

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Los Alamos, New Mexico. 1. Hardtack
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(U). Marvin M. Hoffman. September 1976. 25p.

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- 2. Atmospheric Bursts
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Los Alamos National Laboratory.
BRIEF HISTORY OF THE FIRST EFFORTS OF THE
LIVERMORE SMALL-WEAPONS PROGRAM (U).
Lawrence S. Germain. Jan. 1991. 30 p.

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- I. Corp. Auth.
- II. Auth. (1)
- 1. Atomic weapons--
Design--History
- 2. Teapot
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National Bureau of Standards, Boulder
Labs., Boulder, Colo.
ELECTROMAGNETIC EFFECTS FROM
HIGH-ALTITUDE DETONATIONS DURING
OPERATION HARDTACK AND ARGUS.
J.A. Kemper and Herbert Reno
May 5, 1959. 72p.

- 1. Hardtack
- 2. Floral
- 3. Electromagnetic Radiation
- 4. Yucca Burst
- 5. Teak Burst
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 - I. Authors (2)
 - II. Corp. Author
 - III. BL Control No. 8492

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NBS-3CB107 (Report: SECRET)

National Bureau of Standards, Boulder
Labs., Boulder, Colo.
HARDTACK PHASE I; WAVEFORMS
AND SPECTRA. J. A. Kemper and
Herbert Reno. September, 1959. 232p.

- 1. Hardtack
- 2. Ground Waves (Seismic)
- 3. Electromagnetic Waves
- 4. Blast Waves
 - I. Authors (2)
 - II. Corp. Author
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NDL-TR-39 (Report: CONFIDENTIAL)
Army Chemical Corps. Nuclear Defense
Lab., Edgewood Arsenal, Md.
PARTICLE STUDIES OF FALLOUT
FROM A VERY-LOW-YIELD WEAPON,
OPERATION HARDTACK (U). Franklin
D. Richardson, Ernest W. Bloore and
John W. Behringer. October, 1962.
32p. 3p. abs. cds.

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- I. Authors (3)
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 - 1. Fall-Out
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Nuclear Defense Lab., Edgewood Arsenal,
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W.E. Loewe, J.W. Mandler, T.G.
Stinchcomb and W.E. Zagotta.
June 1966. 251p.

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- II. Corp. Auth.
- 1. Gamma Radiation
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- 7. Redwing
- 8. Plumbbob
- 9. Hardtack
- 10. Sun Beam
- 11. Fish Bowl

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Naval Radiological Defense Lab., San
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OPERATION HARDTACK. II. CHEMICAL
STATE STUDIES. A TOPICAL REPORT.
AEC MICE PROJECT WORK PERFORMED
AT USNRDL. S. C. Foti and E. C.
Freiling. July 1, 1960. 18 sheets.

- 1. Hardtack
- 2. Actinides--
Oxidation
- 3. Mice (Project)
- I. Authors (2)
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Naval Radiological Defense Lab., San
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SPECTRAL IRRADIANCE HISTORY OF
THE THREE HIGH ALTITUDE SHOTS OF
OPERATION HARDTACK. R. J. Jenkins,
E. C. Y. Inn, W. J. Parker and R. L.
Rudkin. March 20, 1959. 19 sheets.

- 1. Hardtack
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- 3. Ionospheric
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- I. Authors (4)
- II. Corp. Author
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Naval Research Lab., Wash., D. C.
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POWER-TIME AND TOTAL-THERMAL
MEASUREMENTS. D. F. Hansen, J. E.
Perry and A. G. Rockman. Feb. 18,
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- 2. Teak Burst--
Thermal
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- 3. Orange Burst--
Thermal
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 - I. Authors (3)
 - II. Corp. Author

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OTO-58-2 (Report: CONFIDENTIAL)

Albuquerque Operations Office, AEC
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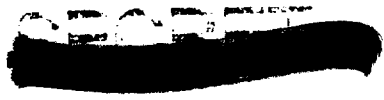
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