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Reports where corporate author = GENERAL MILLS**

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Title of document Highest Classification: UNCLASSIFIED, DTIC
Bibliography, Technical Reports Collection, Citation
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8725 John J. Kingman Road, Suite 0944
Ft. Belvoir, VA 22060-6218
Email: foia@dtic.mil
FAX: (703) 767-9201

Note: Two bibliographic listings included – see release letter

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DEFENSE TECHNICAL INFORMATION CENTER

8725 JOHN J. KINGMAN RD. STE 0944
FT. BELVOIR, VA 22060-6218

IN REPLY
REFER TO

DTIC-R (FOIA 2010-24)

MAR 8 2010

This is an interim response to your letter of January 22, 2010, requesting information under the Freedom of Information Act (FOIA). Under Department of Defense rules implementing the FOIA, published at 32 CFR 286, your request was categorized as "other."

Enclosed are computer-generated bibliographies prepared by weighting/matching the subject terms or keywords listed in your request against our database (i.e., *corporate author GENERAL MILLS*). The bibliographies may contain some documents that do not apply to the specific subject area(s) in which you are interested; however, to eliminate any of the key search terms would also eliminate documents that do apply to your subject area(s) of interest.

The documents listed on enclosure 2 have been approved for public release and may be obtained from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. NTIS sells such documents to the general public and, if you wish, you can order the documents by telephone at (703) 605-6000. Be sure to include the AD numbers when requesting the documents. NOTE: Some of the documents listed on the bibliography on enclosure 2 can be viewed and/or downloaded in full text through the Defense Technical Information Center (DTIC) Online Public Technical Reports website at <http://www.dtic.mil/dtic/>.

Once at the site, type the full document number as its written (ex: AD0610125) in the "Search for" box, then click the "Search" button; in the Accession Number field, click on the link "View Full Text (pdf)".

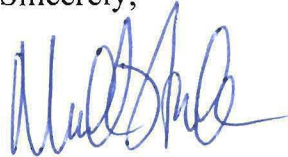
Enclosure 3 consists of a bibliography that contains unclassified descriptions of classified and/or unclassified/limited distribution documents related to your request. These documents may only be released by the controlling activity. Requests for these documents should be forwarded to the controlling activity, usually identified in the Distribution Statement field of

MAR 8 2010

the citation. This office upon request can research documents with no controlling activity identified. NOTE: Although some of the citations listed on the bibliography at enclosure 3 may indicate that the document can be viewed and/or downloaded in full text, be advised that these citations/documents are not available to the general public through the DTIC Online Public Technical Reports.

Please understand that other members of the public may submit a FOIA request for copies of FOIA requests received by this office or the names of those who have submitted requests. Should such occur, your name and, if asked for, a copy of your request will be released; however, your home address and home telephone number will not be released. Other private citizens who have obtained your name by using such a request may contact you. However, correspondence from the Defense Department about your request will be on official letterhead. Please contact me at (703) 767-9204 if you have any questions. Thank you for your interest in obtaining information from DTIC.

Sincerely,



3 Enclosures

MICHAEL A. HAMILTON
Acting FOIA Program Manager

Highest Classification: UNCLASSIFIED

DTIC Bibliography

Technical Reports Collection

Citation Format: FOIA(U2)

DTIC DOES NOT HAVE THIS ITEM

Accession Number:

ADD405744

Corporate Author:

GENERAL MILLS CHEMICALS INC MINNEAPOLIS MINN*

Unclassified Title:

(U) The shatter resistant composite bottle.

Personal Author(s):

Pratt,C E

Report Date:

Sep 1974

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A sizeable opportunity exists for shatter- resistant plastic coatings for glass carbonated beverage containers. Powder coating techniques offer a logical method of application for these coatings. The physical properties needed are high tensile strength, high elongation, and a low modulus of elasticity. Materials being used commercially or being extensively tested are thermoplastic powders with a high degree of toughness. (Author-PL)

Abstract Classification:

Unclassified

DTIC DOES NOT HAVE THIS ITEM

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0608946

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SPUTTERING.

Descriptive Note:

Annual rept. for 1 Nov 63-31 Oct 64,

Personal Author(s):

Stuart,R V

Wehner,G K

Report Date:

24 Nov 1964

Media Count:

48 Page(s)

Report Number(s):

GMI-2656

Contract Number:

Nonr158915

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Energy distributions have been determined for atoms sputtered from polycrystalline targets for twenty-three different target materials. Ejection energies are found to depend strongly on the mass of the target atom. Most probable and average ejection energies plotted as a function of the atomic number of the target material show a periodicity in that within each period these energies tend to decrease with increased filling of the d-shell. Average ejection energies range from 6.8 eV for Be to 45 eV for U. Average ejection velocities group mostly around 600,000 cm/sec and range from a high of 1,100,000 cm/sec for Be to a low of 390,000 cm/sec for Ag. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0601587

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STRATOSPHERIC TEMPERATURE AND WIND FIELDS ALONG 80W,
1957-1959.

Descriptive Note:

Final rept., 15 Apr 60-15 Jun 64.

Personal Author(s):

Dartt,D G

Belmont,A D

Report Date:

15 Jun 1964

Media Count:

66 Page(s)

Report Number(s):

2581

Contract Number:

NOmr-1589(20)

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The stratospheric temperature and zonal wind fields along 80 degrees W in the northern hemisphere are analyzed and compared for the years 1957, 1958, and 1959. Meridional patterns of heating and cooling are discussed in terms of the recurrent quasi-biennial, annual, and semi-annual temperature cycles as well as sporadic sudden warmings. Changes in the speed and direction of the zonal winds are described in terms of variations of the large-scale meridional temperature gradients. The wind and temperature fields of the stratosphere generally correspond except wherever there is a temperature gradient reversal between the troposphere and stratosphere. In these cases, the direction of the winds of the lower stratosphere correspond to the tropospheric temperature gradient, although their change in speed with height is according to the thermal gradient in the stratosphere. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0602851

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) TROPICAL UPPER AIR STUDIES. PART I. PERSISTENCE OF THE DAILY STRATOSPHERIC WINDS IN THE TROPICS. PART II. LONG-PERIOD WIND FLUCTUATIONS IN THE TROPICS.

Descriptive Note:

Final rept. for 30 Mar 62-30 Mar 64,

Personal Author(s):

Belmont,A D

Shen,W C

Dartt,D G

Report Date:

01 Apr 1964

Media Count:

133 Page(s)

Report Number(s):

2562

Contract Number:

DA36 039SC89211

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The persistence of tropical 50 mb daily wind direction and speed along with the daily zonal component was computed to determine the interval over which a wind observation may be regarded as 'independent'. Monthly means of the zonal component were determined using only 'independent observations' and then compared to monthly means based on all available data. Long period fluctuations of the stratospheric zonal winds in the tropics were examined to describe variations in the observed monthly mean patterns. The quasi-biennial and annual fluctuations account for practically all the observed wind variability; the meridional and vertical variation of the amplitudes as well as the difference in phase propagation downward of each of these two components cause the complex interference patterns that are observed with time at various subtropical and tropical stations. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0610125

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/610125.pdf

Size: 2 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD610125>

Corporate Author:

GENERAL MILLS INC ST PAUL MN ELECTRONICS DIV

Unclassified Title:

(U) DETERMINATION OF THE SHAPE OF A FREE BALLOON.
BALLOONS WITH ZERO SUPERPRESSURE AND ZERO
CIRCUMFERENTIAL STRESS

Descriptive Note:

Scientific rept. no. 2,

Personal Author(s):

Smalley, Justin H

Report Date:

31 Dec 1963

Media Count:

59 Page(s)

Report Number(s):

GMI-2500

AFCRL-64-734

XC-64-734

Contract Number:

AF 19(628)-2783

Monitor Series:

64-734

AFCRL

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) This report, the second of a series, presents the numerical methods used and the results of the computation of the shapes of axi-symmetric free balloons. Flat-top balloons, re-entrant top balloons and double balloons, all with zero circumferential stress and zero superpressure at the bottom apex, are considered.

Meridional film loads are presented. An extensive Sigma Table suitable for balloon design is included for the flat-top balloon with $\sigma = 0(0.05) 1.0$.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0424612

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SPUTTERING YIELDS.

Descriptive Note:

Annual rept., 1 Nov 62-31 Oct 63,

Personal Author(s):

Stuart,R V

Wehner,G K

Report Date:

15 Nov 1963

Media Count:

54 Page(s)

Report Number(s):

2480

Contract Number:

Nonr1589 15

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Energy distributions have been determined for atoms sputtered from Cu (100), (110), and (111) surfaces as well as polycrystalline surfaces of about ten different target materials under Hg and noble-gas ion bombardment in the range 80 to 1200 EV. Energies of sputtered atoms are found to depend markedly on the angle of ejection and the mass of the incident ion. The most probable energy (the energy at which the maximum occurs) is nearly independent of bombarding-ion energy down to about 100 EV. At increasing bombarding-ion energy the high energy tail in the energy distribution becomes more pronounced and causes the average energy to increase. Finally, an asymptotic value is reached at about 1000 EV bombarding-ion energy. For Au-Ar the energy distribution at 1200-EV bombarding-ion energy is fairly similar to that at 43 KEV (from Thompson's data) with the average energies of 18.5 and 20.5 EV respectively. (Author)

Abstract Classification:
Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0422097

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:
(U) SELECTION OF APPARATUS FOR A RE-ENTRY SAMPLING
EXPERIMENT,

Personal Author(s):
McFarland,A R
Wood,R C

Report Date:
Oct 1963

Media Count:
118 Page(s)

Report Number(s):
2407
RTD-TDR63 3043

Contract Number:
AF29 601 5371

Monitor Series:
TDR63 3043

Report Classification:
Unclassified

Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A general survey of apparatus used on aircraft, balloons and rockets to sample particulate matter in the stratosphere has been performed. The various approaches have been evaluated with respect to possible use in a re-entry burnup experiment to sample a non-radioactive tracer element. Results indicate that no existing collector can, at this time, be definitely identified as suitable for the experiment. For sampling at altitudes below 70,000 feet, the existing sampler considered most nearly suitable is the aircraft (U-2) hatch filter sampler. With respect to sampling altitudes above 70,000 feet, the AEC balloon-borne, ejector-powered, filter and impactor collectors offer the most promise. No samplers presently in use offer the degree of protection from contamination needed in the re-entry experiment. Ways of shielding and cleaning samplers have been investigated. Sampler decontamination studies show that particles impacted at high velocities on metal

surfaces are not easily removed by conventional cleaning methods. An alternative approach using strippable plastic films to seal contamination in appears feasible. A ram-air operated, two-stage isokinetic impactor probe is described. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0419972

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) SECOND FLIGHT AT NEEPAWA, MANITOBA.

Personal Author(s):

O'Malley, T

Report Date:

19 Sep 1963

Media Count:

3 Page(s)

Report Number(s):

2620N

Contract Number:

Nonr158925

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Presented is the results of the second flight for Dr. Carl Fichtel of the Emulsion Section of Goddard Space Flight Center, National Aeronautics and Space Administration. Dr. Fichtel's objective was to gather data concerning the sources of gamma radiation in space. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0436845

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/436845.pdf

Size: 723 KB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD436845>

Corporate Author:

GENERAL MILLS INC ST PAUL MN ELECTRONICS DIV

Unclassified Title:

(U) DETERMINATION OF THE SHAPE OF A FREE BALLOON.
THEORETICAL DEVELOPMENT

Personal Author(s):

Smalley, Justin H

Report Date:

Aug 1963

Media Count:

37 Page(s)

Report Number(s):

2421

SR-1

AFCRL-63-951

XC-63-951

Contract Number:

AF 19(628)-2783

Monitor Series:

63-951

AFCRL

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) A survey is presented of the literature on thin, flexible, pressure vessels. Equations for the stresses in an axi-symmetric balloon are determined. The equations are then rearranged to be most suitable for computation of shape. Derivation of the balloon design parameter sigma is presented.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0419214

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/419214.pdf

Size: 1 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD419214>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) INVESTIGATION OF SURFACE ENERGY STATES OF SINGLE
CRYSTAL METALS

Descriptive Note:

Interim technical rept. 15 Jan 1962-15 Jan 1963

Personal Author(s):

Menard, R C

Anderson, A A

Report Date:

Aug 1963

Media Count:

62 Page(s)

Report Number(s):

ARL/WP-63-139

XC-63-139

Contract Number:

AF33

657 8038

Monitor Series:

63-139

ARL/WP

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) A unique ion beam sputter cleaning apparatus has been developed to operate in a high vacuum system. This apparatus, known as a unoplasmatron, creates positive ions from various gases and focuses them into a beam of controlled density and energy. Bombarding ion currents of 80 micro amps have been attained. Experiments have shown that this current is sufficient to produce large, smooth, brightly-etched surfaces on copper specimens in less than 1 hour. A contact potential device has also been developed to study the surface energy of single-crystal metals in a vacuum. This device utilizes the vibrating condenser technique. Contact potential measurements of polycrystalline copper in this

laboratory compare favorably with measurements reported in the literature. The changing contact potential of a clean titanium surface exposed to air has been measured. The contact potential varied from about 230 to 330 mV. The accuracy of these measurements is believed to be about ± 5 mV.

Abstract Classification:
Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0600321

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:
(U) ELECTRICAL CHARACTERISTICS OF GRAIN BOUNDARIES IN
COMPOUND SEMICONDUCTORS.

Descriptive Note:
Final rept.,

Personal Author(s):
Mueller, R K

Report Date:
28 Jun 1963

Media Count:
21 Page(s)

Contract Number:
AF49 638 628

Report Classification:
Unclassified

Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Abstract:
(U) The principal effort was directed toward the preparation of low-angle grain boundaries in indium antimonide (InSb) and the study of their electrical and galvanomagnetic properties with the ultimate objective of relating these properties to the structure of the boundary. (Author)

Abstract Classification:
Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0412545

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) TIME SECTIONS OF THE ZONAL WINDS AT TROPICAL STATIONS.

Descriptive Note:

Interim progress rept. no. 3, 1 Jan-31 Mar 63 on Tropical Upper Air Studies,

Personal Author(s):

Belmont, A D

Dartt, D G

Report Date:

31 Mar 1963

Media Count:

11 Page(s)

Report Number(s):

2383

Contract Number:

DA36

039SC89211

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Three additional time sections of the monthly mean upper air winds were prepared for Leopold ville, Eniwetock, and Johnson Island. These graphs confirm the irregularity of the observed zonal wind directions in the tropical stratosphere, and show the complex relationship of the stratospheric to high tropic westerlies.

(Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0400360

Full Text (pdf) Availability:[View Full Text \(pdf\)](#)**File:** /U2/400360.pdf**Size:** 1 MB**Handle / proxy Url:** <http://handle.dtic.mil/100.2/AD400360>**Corporate Author:**

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) A STUDY OF HIGH ALTITUDE WATER-VAPOR DETECTORS

Personal Author(s):

Rohrbough, S

Report Date:

31 Mar 1963

Media Count:

35 Page(s)

Report Number(s):

2365

AFCRL-63-407

XC-63-407

Contract Number:

AF 19(628)-483

Monitor Series:

63-407

AFCRL

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0415902

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/415902.pdf

Size: 6 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD415902>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Descriptive Note:

Final rept. 3 June 1960-31 June 1963

Personal Author(s):

Nash, J H
Leiter, G G
Johnson, A P
Stender, D
Zeller, H W

Report Date:

15 Mar 1963

Media Count:

255 Page(s)

Report Number(s):

REPT-2381

XA-DA

Contract Number:

DA-18-108-405-CML-824

Monitor Series:

DA

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Availability: Document partially illegible.

Abstract:

(U) This is a fundamental study of factors affecting the flow and dispensability of finely divided organic powders. Most of the investigations pertain to three base powders: saccharin, Carbowax 6000, and Span 60. These powders were chosen to represent crystalline, waxy, and gummy types of powders, respectively. Late in the program, a fourth powder (egg albumin) was added to the list of powders to be investigated. The preparation of powders including grinding, deagglomeration, blending, coating with surface active agents, etc. is discussed. The various tests for measuring physical properties of powders including particle size distribution, shear strength, bulk tensile strength, bulk density, dynamic angle of repose, dispensability, and electrostatic charge are described. The major studies are: (1) bulk tensile strength tests, (2) effects of humidity on powder properties, (3) effects of antiagglomerant agents on powder properties, (4) mechanism by which Cab O-Sil functions, (5) effects of surface active agents on powder properties, (6) effects of adsorbed foreign vapors on powder properties, (7) effects of removal of adsorbed gases and vapors, (8) energy required to disperse a powder sample, (9) properties of compacted powders, and (10) egg albumin studies.

Abstract Classification:

Unclassified

Citation Format: FOIA(U2)

Accession Number:

AD0297797

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COMPONENT WAVES OF THE TROPICAL STRATOSPHERIC WIND
CYCLE

Personal Author(s):

DARTT,D G

BELMONT,A D

Report Date:

01 Jan 1963

Media Count:

1 Page(s)

Report Number(s):

2361

Contract Number:

DA36 039SC89211

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0401672

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/401672.pdf

Size: 3 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD401672>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) COMMUNICATION VIA ARTIFICIAL SCATTERERS PHASE 2

Personal Author(s):

Grosz, W

Flink, L

O'Malley, T

Parsons, W

Schindler, R
Wales, G
Report Date:
15 Dec 1962
Media Count:
141 Page(s)
Report Number(s):
2353
XB-ONR
Contract Number:
NONR-1589-24
Monitor Series:
ONR
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE
Distribution Statement:
Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0291667
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) SPUTTERING YIELDS
Personal Author(s):
WEHNER, G K
STUART, R V
ROSENBERG, D
Report Date:
15 Nov 1962
Media Count:
1 Page(s)
Report Number(s):
2356
Contract Number:
NONR158915
Report Classification:
Unclassified
Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) This report includes: SPUTTERING YIELDS FOR LOW ENERGY He+-, AND X3+ION BOMBARDMENT, by D. Rosenberg and G. K. Wehner. 2 Nov 61, (Reprint from Jnl. of Applied Physics 33:18421845, May 62) Sputtering yield measurements for various metals under noble gas ion bombardment in the energy range 50 to 600 ev were essentially completed. Results for metals, including some rare earths, under He(+)-, Ne(+)-, Ar(+)-, Kr(+)-, Xe(+)-, and Hg(+)- ion bombardment are presented in over 200 yield curves. The spectroscopic technique for measuring sputtering threshold energies is described in an enclosed reprint entitled 'Sputtering Yields at Very Low Ion Energies' published in the Journal of Applied Physics. This technique has now been applied to the measurement of the velocity distribution of sputtered atoms by pulsing a target and measuring the transit time of sputtered atoms to an observation point a known distance away from the target. Velocity distributions of atoms sputtered from polycrystalline and single crystal Cu targets are presented. Average velocities are in the range 3 to 10 ev, in good agreement with previous measurements and higher than atoms thermally evaporated. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0290750

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) REMOTE HANDLING TECHNOLOGY AND EQUIPMENT
INVESTIGATION

Personal Author(s):

KARINEN,RAYMOND S
SULLIVAN,ROBERT

Report Date:

Nov 1962

Media Count:

1 Page(s)

Report Number(s):

2332

Contract Number:

AF29 601 5219

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) This Phase I report is the result of an extensive search of existing technical literature plus personal and letter contacts of many of the major remote handling equipment suppliers throughout the United States. The report presents a general description of the types of remote handling equipment in existence, illustrations and specifications of standard manipulators available, lists of remote handling equipment manufacturers throughout the world and a comprehensive bibliography of available literature. Technological progress and advanced developmental concepts in the field of remote manipulation are also presented. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0290821

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) TROPICAL UPPER AIR STUDIES

Personal Author(s):

BELMONT, A D
DARTT, D G

Report Date:

01 Sep 1962

Media Count:

1 Page(s)

Report Number(s):

2333

Contract Number:

DA36 039SC89211

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Considerable stratospheric upper-air data have been gathered and summarizing programs have been prepared for their computer analysis. The 26-month and 12-month cycles of tropical winds have been examined for Balboa, San Juan, Canton and Kwajalein. Harmonic and spectral analyses of 50-mb data show the relative importance of these and other periods and how they vary with

latitude. Time sections of the zonal wind component were prepared for the same four stations. These show the variation of the observed waves with height, time and station. The consolidated long-term annual mean wave at stations about 10 degrees from the equator was found to be somewhat sinusoidal but waves for individual years were usually far from sinusoidal. At stations near the equator where the biennial cycle of 21 to 28 months is most pronounced, the shape of the annual wave could not be determined with the length of record available due to the very strong influence of the biennial cycle. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

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AD0294943

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Size: 5 MB

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Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) THE STRATOSPHERIC MONSOON. PART 1. AN ATLAS OF
PREVAILING MONTHLY ZONAL WINDS IN THE STRATOSPHERE OVER
THE NORTHERN HEMISPHERE

Personal Author(s):

Belmont, A D

Report Date:

03 Aug 1962

Media Count:

114 Page(s)

Report Number(s):

TR-1

GMI-2316

XB-ONR

Contract Number:

NONR-1589-20

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0650683

Corporate Author:

GENERAL MILLS INC ST PAUL MINN ELECTRONICS DIV

Unclassified Title:

(U) OPERATIONS, MAINTENANCE AND PARTS HANDBOOK FOR
AFCRL IMPACTOR PROBE (WB-50),

Personal Author(s):

Hagberg, Calvin A

Report Date:

25 May 1962

Media Count:

47 Page(s)

Report Number(s):

GMI-2278

Contract Number:

AF 19(604)-8843

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The handbook contains the information necessary to operate and maintain the
AFCRL impactor probe as installed in the WB-50 weather reconnaissance
aircraft.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0278203

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INVESTIGATION OF SURFACE PHENOMENA WITH ELECTRON
MIRROR MICROSCOPY

Personal Author(s):

MENARD, R C
ANDERSON, A A
ROEPKE, W W

Report Date:

Apr 1962

Media Count:

1 Page(s)

Report Number(s):

62 333
ARL-62 333

Contract Number:

AF33 616 6178

Monitor Series:

62 333

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The electron mirror microscope was used to observe monolayers of long chain, polar organic compounds deposited on smooth metallic substrates. A 24.4 angstroms step from the uncovered substrate to a compact monolayer of barium stearate was readily detected as were wear tracks created by normal loads as small as 10 mg. Thin surface films on Ti were three surfaces: clean Ti, oxide coated Ti, and Ti coated with monolayers of polar organic compounds. Sputter cleaned Ti samples exhibited friction coefficients in high vacuum of 2.0 independent of load. A load effect was observed when thermal oxide layers were applied to Ti, the friction coefficient studied with light load friction experiments in a vacuum. samples were prepared by mechanical polishing followed by sputter cleaning. Experiments were conducted with three surfaces: clean Ti, oxide coated Ti, and Ti coated with monolayers of polar organic compounds. Sputter cleaned Ti samples exhibited friction coefficients in high vacuum of 2.0 independent of load. A load effect was observed when thermal oxide layers were applied to Ti, the friction coefficient being higher at light loads than at heavier loads. As the oxide thickness increased, heavier loads were required to form a wear track visible by optical microscopy. Frictioning vapor pressure to a minimum value at 200-300 microns Hg. The coefficient was independent of load in the 200-400 mg range. (Author)

Abstract Classification:

Unclassified

Accession Number:

AD0277420

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INVESTIGATION OF THE USE OF ISOCYANATE ADDUCTS IN
URETHANE FOAM

Personal Author(s):

REILLY, A F

ZWOLINSKI, L M

Report Date:

22 Jan 1962

Media Count:

1 Page(s)

Report Number(s):

2258

Contract Number:

DA19 129QM1727

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The feasibility of a one-can, delayed action foaming system was successfully demonstrated. A literary search revealed that hydrocarbons reacting with isocyanates may react with organic isocyanates to produce heat-sensitive adducts. THESE ADDUCTS BLOCK THE ORIGINAL ISOCYANATE AND THE BLOCKING AGENT WHEN HEATED. About 12 blocking agents were tested by preparing monomeric isocyanate adducts. p-nonylphenol, diethyl malonate, ethyl acetoacetate and tertbutyl alcohol were most attractive for use as blocking agents in delayed-action foaming systems. To obtain stable, one-can, delayed-action foaming systems were developed. rigid, delayed-action system was developed which made use of tertbutyl alcohol as a blocking agent. A partially blocked, quasi-prepolymer - containing boric acid as an auxiliary blowing agent, a foam stabilizer, and a catalyst - was stable at room temperature. HEATED ABOVE 170°C, it produced a rigid foam. A flexible, delayed-action foam system was developed which utilized p-nonylphenol to completely block a flexible prepolymer. This system, heated above 170°C, produced a fully cured, flexible polyurethane foam. (Author)

Abstract Classification:

Unclassified

Accession Number:

AD0623050

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COMMUNICATION VIA ARTIFICIAL SCATTERERS PLACED BELOW
THE IONOSPHERE,

Personal Author(s):

SCHINDLER,Roy P

Report Date:

01 Dec 1961

Media Count:

109 Page(s)

Report Number(s):

2245

Contract Number:

Nonr158924

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The possibility of creating a stable, efficient scatter propagation communication path below the ionosphere was investigated. This communication path would be free from interruptions due to ionospheric storms. Quite often communication by sky wave propagation is made impossible at any frequency and only ground waves and tropospheric scatter are useful for propagation beyond line-of-sight. Neither the low frequency channels, which must be resorted to for efficient ground wave transmission, nor tropospheric scatter circuits are very useful for tactical communication purposes. Both require high power, and elaborate antenna structures. Communication by tropospheric scatter is normally limited to a few hundred miles. The general approach taken in this study was suggested by Dr. William J. Thaler of the Office of Naval Research: Efficient scattering elements are to be generated and placed in the lower stratosphere within line of sight of two stations wishing to communicate. The majority of the work on this contract has centered on two important considerations; one, what will do the job of scattering, and two, how can we place the scatterers in the proper position and maintain them there. To be considered workable the scattering system must be capable of fulfilling the requirements of both considerations. (Author)

Abstract Classification:

Unclassified

Accession Number:

AD0267458

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SPUTTERING YIELDS

Personal Author(s):

WEHNER,G K

STUART,R V

ROSENBERG,D

Report Date:

Nov 1961

Media Count:

1 Page(s)

Report Number(s):

2243

Contract Number:

NONR158915

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) This report includes: PHYSICAL SPUTTERING, by G. K. Wehner. 1961. SPUTTERING YIELDS OF METALS FOR Ar(+) AND Ne(+) IONS WITH ENERGIES FROM 50 TO 600 EV, by Nils Laegreid and G. K. Wehner. 24 Aug 60. (Work was partly supported by Office of Naval Research and Air Force Cambridge Research Center contracts; Reprint from Jnl. of Applied Physics 32:365-369, Mar 61) SPUTTERING YIELDS FOR LOW ENERGY He(+)- AND Xe(+)-ION BOMBARDMENT, by D. Rosenberg and G. K. Wehner. SPUTTERING AT VERY LOW ION ENERGIES, by Robley V. Stuart and G. K. Wehner. 1960. (Reprint from 1960 Seventh National Symposium on Vacuum Technology Transactions) (Work is partly sponsored by AFCRC and ONR contracts) SPUTTERING YIELDS AT VERY LOW BOMBARDING ION ENERGIES, by R. V. Stuart and G. K. Wehner. 1961. (Sponsored by Office of Naval Research) DEPENDENCE OF SPUTTERING YIELDS ON TARGET TEMPERATURE. 1961.

Abstract Classification:

Unclassified

Technical Reports Collection

Accession Number:

AD0264950

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:(U) INFLATION TEST AND BALLOON LAUNCHING FROM NAVAL
VESSEL ON LAKE MICHIGAN (PROJECT WETFOOT)**Personal Author(s):**

CHURCH,DAVID A

Report Date:

01 Oct 1961

Media Count:

1 Page(s)

Report Number(s):

2227

Contract Number:

NONR158922

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) It is concluded that the deployment and inflation method is very easy to accomplish; definitely easier than a land operation of comparable size. The method of weigh-off allows a faster operation since the cylinders do not have to be bled to zero pressure. Also, the weigh-off assures proper lift with no possibility of gas metering errors. The method allows all of the advantages of a vertical inflation, including the freedom from launching shocks imposed by the standard platform-type operation. A remaining item of uncertainty in the deployment and inflation technique is the unknown effect of a highly disturbed sea surface. The flight revealed no adverse effects on balloon performance: behavior was typical of a land-launched skyhook balloon. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0264961

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWERED MATERIALS

Personal Author(s):

NASH,J H
LEITER,G G
JOHNSON,A P

Report Date:

30 Sep 1961

Media Count:

1 Page(s)

Report Number(s):

2229

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A technique is described for studying the manner in which local bulk density of a column of powder compressed in a cylinder varies with distance from the compressing piston. Measurements were made on each of the 3 base powders (saccharin, Carbowax 6000 and Span 60). The effect of humidity on properties of the three base powders was investigated by conducting a series of tests including shear strength, disc-lifting, aerosol decay and electrostatic charge analysis on powder samples. Fourteen different deagglomerant agents were evaluated by measuring their shear strength at a compressive load of 5305 dynes/sq cm. CabO-Sil had the lowest shear strength of all the agents tested. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0265161

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INDIA BALLOON PROGRAM

Personal Author(s):

DIETSCHE,D A
CROWE,D V

Report Date:

28 Jul 1961
Media Count:
1 Page(s)
Report Number(s):
2224
AFCRL-847
Contract Number:
AF19 604 7338
Monitor Series:
847
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE
Abstract:

(U) Efforts were concerned with preparation, launch, tracking, monitor, cutdown and recovery of 22 balloon flights from a launching site at Hyderabad, India. The results of the flights include time versus altitude and temperature versus altitude curves for each flight along with calculations of air volume sampled. Twenty-four flights were completed. The payloads included the following: Nuclei Counter (4 flights), Small Impactor (4 flights), Sub-Micron Aerosol Collector (9 flights), Large Volume Impactor (4 flights), Indian Heavy Load Nuclear Emulsions (2 flights) and Indian High Altitude Nuclear Package (1 flight). The Sub-Micron Aerosol Collector (SMAC) along with the Indian Heavy Load Nuclear Emulsion were reflown on spare balloons because of earlier flight malfunctions to account for the total of 24 flights rather than the 22 planned. (Author)

Abstract Classification:
Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0260740
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS
Personal Author(s):
NASH,J H
LEITER,G G
ZELLER,H W
Report Date:

30 Jun 1961

Media Count:

1 Page(s)

Report Number(s):

2184

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A technique involving the use of a 2-in.-diam fluid energy mill was devised for blending and deagglomerating powders. A study of average bulk density as a function of plug length and compressive load was made on each of the 3 base powders (saccharin, Span 60, and Carbowax 6000). The effect of removal of adsorbed gases and vapors was investigated by disk-lifting tests on samples of the 3 base powders under normal laboratory conditions and under high vacuum conditions (0.00002 mm Hg). A technique involving stratified layers was devised for the purpose of studying powder displacement during disk-lifting tests. An improved technique for measuring shear strength of powders is described. Aerosol decay tests were made on samples of the same powders on which shear strength measurements were made. A comparison of results indicates that there is little correlation. A theoretical study was made to determine energy expended in dispersing an aerosol. Electrostatic charge analyses were made on aerosols of Span 60 and Carbowax 6000. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0257897

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INVESTIGATIONS OF BISMUTH-TELLURIUM-SULFUR
COMPOUNDS

Personal Author(s):

SOONPAA, H H
MUELLER, R K

Report Date:

15 May 1961

Media Count:

1 Page(s)

Report Number(s):

2195

Contract Number:

NONR158914

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A new semiconducting crystalline compound Bi₈Te₇S₅, or gemilide, was prepared. The material is characterized by rhombohedral R3m symmetry, a large unit cell (a is 8.3935 angstroms and c is 58.904 angstroms by hexagonal notation). It cleaves readily along the base plane (perpendicular to the c-axis) to yield mirror-like surfaces. The purity of the material is adequate to allow optical transmission measurements. The index of refraction in the infrared is around 7, decreasing linearly with the wavelength. Electrical and optical measurements on Bi₈Te₇S₅ are reported. Different measuring techniques have been described in detail. The Lorenz number is found to be low for this material. With an improved Seebeck coefficient gemilide might be a good thermoelectric material.

(Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0255484

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF
POWDERED MATERIALS

Personal Author(s):

NASH,J H

ZELLER,H W

LEITER,G G

Report Date:

31 Mar 1961

Media Count:

1 Page(s)

Report Number(s):

2183

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Factors affecting the flow and dispersibility of organic powders in the 2 - 5 micron size range have been the subject of investigation of this study. The tests reported herein were conducted on samples of finely ground saccharin, Carbowax 6000 and Span 60 or on samples of these powders containing various additives. Several different types of tests were conducted including the following: bulk tensile strength tests, shear strength tests, disc-lifting tests conducted under high vacuum conditions and under laboratory conditions to study effect of removal of adsorbed vapors and gases, tests to determine energy required to disperse an aerosol and electrostatic charge analysis. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0265460

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY
AND THE EFFECTS OF IONIZING RADIATION ON SUGARS

Personal Author(s):

ANDREWS, J S

Report Date:

31 Mar 1961

Media Count:

1 Page(s)

Report Number(s):

9

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Certain effects of gamma radiation on glucose were studied. The pH of irradiated glucose solutions was found to vary inversely with radiation dose. It was observed that solutions prepared with irradiated dry, crystalline glucose did not absorb ultraviolet radiation, whereas irradiated aqueous glucose solutions exhibit AN ULTRAVIOLET ABSORPTION MAXIMUM IN THE 255 TO 265 MILLIMICRONS REGION. The position of the absorption maximum and the intensity of the absorption at the maximum were shown to be dependent on the pH of the solution. The position of the maximum is higher and the intensity is greater the more basic the solution. The yield of the ultraviolet-absorbing components, as measured by intensity of the absorption peak, appeared to be directly proportional to radiation dose and inversely proportional to initial glucose concentration. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0252834

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) THE REVERSAL OF STRATOSPHERIC WINDS OVER NORTH AMERICA

Personal Author(s):

BELMONT, ARTHUR D

Report Date:

27 Feb 1961

Media Count:

1 Page(s)

Report Number(s):

2173

AFCRL-265

Contract Number:

AF19 604 6618

Monitor Series:

265

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The individual stratospheric reversals of 1957, 1958 and 1959, and of the normals are summarized and compared. The erratic spring reversal occurs as the winter vortex is displaced from time to time by a warm high pressure cell moving from mid-latitudes to polar latitudes. Occasionally such intrusions prove temporary and the vortex returns to its polar location; at other times, a complicated cellular pattern eventually develops into a stable summer polar anticyclone. Over the western hemisphere it is suggested that easterlies first appear at highest levels near 55 60 degrees N in the early spring, then advance downward and northward in time. As the reversal process is not circumpolarly symmetric, southward progression is to be expected in the opposite hemisphere to the northward progression. The fall reversal appears to be far more regular and very rapid, starting in August near 55 degrees N and propagating upward. By mid-September all the stratosphere north of 55 degrees N has usually changed to westerly flow, only 2 - 3 wk after its start. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0273068

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) LARGE PASSIVE SATELLITE STUDY. VOLUME I. THEORETICAL ANALYSIS. VOLUME II. DESIGN AND PACKAGING

Report Date:

21 Feb 1961

Media Count:

1 Page(s)

Report Number(s):

2149

Contract Number:

NONR324500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Contents: Passive communication satellites with directional reflection characteristics Spherical satellites Polyhedral satellites Forces on a thin

shell spherical satellite in orbit Static charge on the satellite Electrostatic force Effect of the earth's magnetic field Deformation of a thin shell spherical satellite due to thermal stresses Solar spectral intensity distribution Surface characteristics of metals Reflectance of evaporated aluminum Reflectance of evaporated silver, gold, and copper films Absorptance and transmittance of evaporated films

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0250526

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) THE REVERSAL OF STRATOSPHERIC WINDS OVER NORTH AMERICA IN 1959

Personal Author(s):

BELMONT, ARTHUR D

Report Date:

20 Jan 1961

Media Count:

1 Page(s)

Report Number(s):

2156

SR-4

AFCRL-221

Contract Number:

AF19 604 6618

Monitor Series:

221

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) THE SPRING AND FALL REVERSAL OF PREVAILING STRATOSPHERIC ZONAL WIND DIRECTION DURING 1958 IS DESCRIBED AND COMPARED TO THE NORMAL PATTERN. THE MAIN FEATURE OF THE SPRING 1959 REVERSAL WAS ITS MUCH EARLIER ARRIVAL THAN IN THE NORMAL PATTERN OR IN 1957 OR 1958. THE PERSISTENT BANDS OF WESTERLIES IN THE TROPICS

CONFIRMS THE PICTURE OF PRIOR YEARS. THE FALL REVERSAL
OC URS AGAIN BETWEEN THE LATTER HALF OF AUGUST AND THE
FIRST HALF OF SEPTEMBER

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0250492

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) THE REVERSAL OF STRATOSPHERIC WINDS OVER NORTH
AMERICA IN 1958

Personal Author(s):

BELMONT, ARTHUR D

Report Date:

09 Jan 1961

Media Count:

1 Page(s)

Report Number(s):

2154

SR-3

AFCRL-220

Contract Number:

AF19 604 6618

Monitor Series:

220

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) THE SPRING AND FALL REVERSAL OF PREVAILING
STRATOSPHERIC ZONAL WIND DIRECTION DURING 1958 IS
DESCRIBED AND COMPARED TO THE NORMAL PATTERN AND THE
1957 PATTERN. IN 1958 THE MAJOR CURRENTS ALONG BOTH
PROFILES WERE MORE STRONGLY DEVELOPED, BOTH WITH
RESPECT TO PERSISTENCY AND ZONAL COMPONENT, THAN IN
THE NORMALS OR IN 1957. THE 1958 SPRING REVERSAL ALONG 80
DEG W WAS LATER THAN NORMAL AND WAS NOT QUITE

COMPLETED EVEN BY THE SECOND HALF OF MAY. THE
REMAINING REVERSALS WERE NORMAL

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0733376

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Air Filter Sampler.

Descriptive Note:

Final rept. 15 Jun 59-30 Nov 60,

Personal Author(s):

Wood,R C

Olson,R K

Report Date:

07 Dec 1960

Media Count:

40 Page(s)

Report Number(s):

2140

AFCRL-TR-60-427

Contract Number:

AF 19(604)-5862

Monitor Series:

TR-60-427

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) The research described was carried out to improve the field of filter sampling of stratospheric particulate contamination. Two new filter media were evaluated. Sampling systems were designed in which these filter media operate at 100% collection efficiency. Considerable information relative to the performance of centrifugal blowers at stratospheric sampling conditions was acquired. Instrumentation was designed, tested, and flown for the purpose of measuring volume flow rates in flight. Finally, two very satisfactory flights were completed in which a newly designed PR-2 flowmeter was utilized for in-flight volume determination. From the

collective results of this work recommendations have been derived which, if employed, will substantially improve the capability to correlate cumulative stratospheric continuation data of future sampling, independent of time, place or sampler employed. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0256559

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STELLAR ABERRASCOPE STUDY

Personal Author(s):

LILLESTRAND,R
HAMILTON,J

Report Date:

Dec 1960

Media Count:

1 Page(s)

Report Number(s):

2141

Contract Number:

AF33 616 7400

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) A satellite orbiting about a celestial body, equipped with a device for star tracking, will observe that the stars sometimes pass behind or emerge from the limb of the body. It is shown that a measurement of the times of six independent horizon star transits will permit the determination of the six parameters of the satellite orbit with respect to inertial space. From the orbital elements, the altitude and subsatellite point can be determined as a function of time in a self-contained manner. It is proposed that star transit measurements be made while the light ray is still high in the atmosphere. The time of star transit can then be defined as that instant at which the refraction or the attenuation of a star image has built up to some predetermined value. Each celestial body requires special study based on the characteristics of its atmosphere - if it has any. In the case of the earth

an investigation has been made of the use of atmospheric refraction or spectral absorption at altitudes ranging from 100,000 to 200,000 feet. As a result it appears that rms errors in the altitude of the constant density surface will not exceed a distance of one mile. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0249452

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) THE REVERSAL OF STRATOSPHERIC WINDS OVER NORTH AMERICA IN 1957

Personal Author(s):

BELMONT,ARTHUR D

Report Date:

01 Dec 1960

Media Count:

1 Page(s)

Report Number(s):

SR22145
AFCRL-TN-60-836

Contract Number:

AF19 604 6618

Monitor Series:

TN-60-836

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0248900

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:
(U) SPUTTERING YIELDS
Descriptive Note:
Annual rept. 1 Apr 59-31 Oct 60
Personal Author(s):
WEHNER, G K
Report Date:
15 Nov 1960
Media Count:
1 Page(s)
Report Number(s):
2136
Contract Number:
NONR158915
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0248045
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) STUDY OF SPUTTERING OF MATERIALS
Personal Author(s):
WEHNER, G K
LAEGREID, N
STUART, R V
Report Date:
14 Oct 1960
Media Count:
1 Page(s)
Report Number(s):
2133
AFCRL-TR-60-418
Contract Number:
AF19 604 5536
Monitor Series:
TR-60-418
Report Classification:

Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0240037
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) THE REVERSAL OF STRATOSPHERIC WINDS OVER NORTH AMERICA
Personal Author(s):
BELMONT, ARTHUR D
Report Date:
22 Jun 1960
Media Count:
1 Page(s)
Report Number(s):
SR12063
AFCRL-TN-490
Contract Number:
AF19 604 6618
Monitor Series:
TN-490
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0235354
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) Investigations of Bismuth Tellurium Sulfur Compounds
Descriptive Note:

Progress rept.
Personal Author(s):
Soonpaa, Henn H
Report Date:
07 Apr 1960
Media Count:
26 Page(s)
Report Number(s):
TR-1
1940
XD-XD
Contract Number:
NONR-1589(14)
Monitor Series:
XD
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE
23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE
Distribution Statement:
Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0816120
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) BALLOON-BORNE PARTICULATE FRACTIONATOR.
Descriptive Note:
Final rept. 1 Jan-31 Dec 59,
Personal Author(s):
Zeller, H W
Report Date:
01 Feb 1960
Media Count:
25 Page(s)
Report Number(s):
1922
Contract Number:
AF 19(604)-4943

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) This report describes work done by General Mills Mechanical Division in the design, fabrication and testing of a balloon-borne dust sampling system. The purpose of the sampling system is to collect radioactive dust and meteoritic particles in the micron and submicron size ranges. The system samples the air continuously as the balloon rises in the altitude range from 30,000 to 100,000 feet. The particle collection apparatus consists of four units with each unit designed to be used over a given altitude range. Each unit employs two impactors and a filter in a series arrangement. The impactors collect the atmospheric dust on round slides and are designed for given particle size ranges.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0726120

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Design Study and Development of Improved Heating Techniques for Inflight Meals.

Descriptive Note:

Final rept. 18 Apr 56-1 Jun 57,

Personal Author(s):

Stuetzer, O M

Demorest, H L

Report Date:

Dec 1959

Media Count:

145 Page(s)

Report Number(s):

WADC-TR-57-626

Contract Number:

AF 33(616)-3656

Monitor Series:

TR-57-626

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Abstract:

(U) Heating methods investigated for warming inflight foods included electromagnetic, ultrasonic, Hilch Tube, radiant and electrical resistance techniques. An improved application of electrical resistance heating, incorporating improved metal to metal conduction and radiant heating (for cans) was determined to be the best type of ration heating because of the possibility of greater compactness and electrical voltage versatility in oven design. (Author)

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0228685

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) STRATO-LAB MIKESELL NO. 1

Personal Author(s):

ECKSTROM, R M

Report Date:

06 Oct 1959

Media Count:

9 Page(s)

Report Number(s):

B-1077

Contract Number:

Nonr-158906

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0227903
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY
AND THE EFFECTS OF IONIZING RADIATION ON SUGARS
Descriptive Note:
Progress rept. no. 6, 1 Jan-31 Mar 59,
Personal Author(s):
ANDREWS, J S
Report Date:
31 Mar 1959
Media Count:
10 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0217519
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) SPUTTERING YIELDS
Descriptive Note:
Annual rept. 1 Jun 58-31 May 59,
Personal Author(s):
WEHNER, G K
Report Date:
15 Nov 1958
Media Count:
1 Page(s)
Report Number(s):
1902
Contract Number:
Nonr-158915
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0302406

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DESCENT RATES AND DISPERSION OF LEAFLETS

Personal Author(s):

GAALSWYK, ARIE

Report Date:

27 May 1958

Media Count:

79 Page(s)

Report Number(s):

B-1051

Contract Number:

Nonr-1589(05)

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0159636

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) SPATTERING YIELDS

Descriptive Note:

Final rept.

Personal Author(s):

WEHNER, GOTTFRIED K

Report Date:

30 Apr 1958

Media Count:

1 Page(s)

Report Number(s):

1847

Contract Number:

NONR158908

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0210342

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) A STUDY OF THE EFFECTS OF IONIZING RADIATION ON
SUGARS

Personal Author(s):

ANDREWS, J S

EMERY, D F

Report Date:

31 Mar 1958

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

22 - DOCUMENT ILLEGIBLE

Distribution Statement:

Distribution: For reference only at each of the DDC offices. This report
cannot be satisfactorily reproduced; DDC does not furnish copies.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0154761

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Open Gondola Strato-Lab Flight,

Report Date:

09 Apr 1957

Media Count:

1 Page(s)

Report Number(s):

1685

Contract Number:

NONR158905

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0119366

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) STRATO-LAB DEVELOPMENT

Personal Author(s):

SCHWOEBEL, R L

Report Date:

31 Dec 1956

Media Count:

1 Page(s)

Report Number(s):

1648

Contract Number:

NONR158906

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0122337

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SKYHOOK FLIGHT 1772

Personal Author(s):

CHURCH,D A

Report Date:

21 Nov 1956

Media Count:

1 Page(s)

Report Number(s):

1627

Contract Number:

NONR158904

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0124804

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:(U) METEOROLOGICAL FEASIBILITY OF HIGH-LEVEL
PHOTOGRAPHY OF HURRICANES BY BALLOON-BORNE CAMERA
EQUIPMENT**Personal Author(s):**

PETERSON,ROY E

Report Date:

01 Jul 1956

Media Count:

1 Page(s)

Report Number(s):

1558

Contract Number:

NONR158909

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0134517

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) SKYHOOK FLIGHT 1597

Personal Author(s):

CHURCH, D A

Report Date:

23 Jan 1956

Media Count:

5 Page(s)

Report Number(s):

1501

Contract Number:

Nonr-1589(04)

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0078429

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FLIGHT 1532 PARACHUTE TEST FLIGHT

Report Date:

25 Oct 1955

Media Count:

18 Page(s)

Report Number(s):

1471

Contract Number:
NONR158906
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0072187
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) PROJECT SKYHOOK
Personal Author(s):
MAUTNER, R F
MERRELL, C P
Report Date:
19 Jul 1955
Media Count:
1 Page(s)
Report Number(s):
1434
Contract Number:
NONR87500
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0083858
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) STUDY OF THE FEASIBILITY OF USING PLASTIC BALLOONS TO
CARRY AN ARRAY OF LOADS AT AN ALTITUDE OF 100,000 FEET

Descriptive Note:

Final rept. 15 Mar-Jul 55.

Personal Author(s):

SANDGREN, MARVIN A

Report Date:

15 Jul 1955

Media Count:

120 Page(s)

Report Number(s):

1426

Contract Number:

NONR158902

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0064992

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) RESEARCH AND DEVELOPMENT IN BALLOON TECHNOLOGY

Personal Author(s):

SMITH, J R

Report Date:

28 Apr 1955

Media Count:

1 Page(s)

Report Number(s):

1398

Contract Number:

NONR87500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0077869

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINAL REPT. ANNEX XII. DECEMBER 15, 1953-DECEMBER 31, 1954

Personal Author(s):

WHITNAH, G R

Report Date:

Jan 1955

Media Count:

1 Page(s)

Report Number(s):

1366

Contract Number:

NONR87500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0077868

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINAL REPT. ANNEX VII

Personal Author(s):

SMITH, J R

KALISZEWSKI, J J

Report Date:

Nov 1954

Media Count:

1 Page(s)

Report Number(s):

1359

Contract Number:

NONR87500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0055527

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) PROGRESS REPORT

Personal Author(s):

WHITNAH, G R

Report Date:

Oct 1954

Media Count:

1 Page(s)

Report Number(s):

1349

Contract Number:

NONR87500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0049759

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Final Report Annex IX. High Altitude Balloon Research.

Report Date:

30 Sep 1954

Media Count:

1 Page(s)

Report Number(s):

1333

Contract Number:

NONR87500

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0047060

Full Text (pdf) Availability:View Full Text (pdf)**File:** /U2/047060.pdf**Size:** 20 MB**Handle / proxy Url:** <http://handle.dtic.mil/100.2/AD047060>**Corporate Author:**

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) High Altitude Balloon Research

Descriptive Note:

Progress rept. annex 12

Personal Author(s):

BARTHOLOMEW, F

Report Date:

01 Aug 1954

Media Count:

53 Page(s)

Report Number(s):

1327

XB-ONR

Contract Number:

NONR-875(00)

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0044562

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/044562.pdf

Size: 9 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD044562>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) HIGH ALTITUDE AIR SAMPLING

Descriptive Note:

Progress rept. for Apr and May 1954

Personal Author(s):

Whitnah, G R

Report Date:

10 Jun 1954

Media Count:

41 Page(s)

Report Number(s):

1309

XB-ONR

Contract Number:

NONR-875(00)

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0041757

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/041757.pdf

Size: 4 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD041757>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) High Altitude Balloon Research. Final Report Annex 2

Descriptive Note:

Final rept.

Personal Author(s):

GILES, KEITH C

Report Date:

10 Jun 1954

Media Count:

17 Page(s)

Report Number(s):

1308

XB-ONR

Contract Number:

NONR-875(00)

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0047101

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/047101.pdf

Size: 21 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD047101>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) High Altitude Balloon Research

Descriptive Note:

Progress rept. annex 12

Personal Author(s):

BARTHOLOMEW, F

Report Date:

01 Jun 1954

Media Count:

56 Page(s)

Report Number(s):

1312

XB-ONR

Contract Number:

NONR-875(00)

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0032520

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/032520.pdf

Size: 3 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD032520>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINAL REPT. ANNEX IX (HIGH ALTITUDE BALLOON RESEARCH)

Descriptive Note:

Annex IX

Personal Author(s):

GILES, KEITH C

Report Date:

04 Apr 1954

Media Count:

20 Page(s)

Report Number(s):

1303

XB-ONR

Contract Number:

NONR-875(00)

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0038789

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/038789.pdf

Size: 7 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD038789>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Engineering Study on Balloon Construction. ANNEX XII

Descriptive Note:

PROGRESS REPORT

Personal Author(s):

BARTHOLOMEW, F

Report Date:

01 Apr 1954

Media Count:

35 Page(s)

Report Number(s):

R-1289

XB-ONR

Contract Number:

NONR-875-00

Monitor Series:

ONR
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE
Distribution Statement:
Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:
AD0019113
Full Text (pdf) Availability:
[View Full Text \(pdf\)](#)
File: /U2/019113.pdf
Size: 4 MB
Handle / proxy Url: <http://handle.dtic.mil/100.2/AD019113>
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) Final Report Project 85006
Report Date:
02 Oct 1953
Media Count:
22 Page(s)
Report Number(s):
1239
XB-ONR
Contract Number:
NONR-875-00
Monitor Series:
ONR
Report Classification:
Unclassified
Distribution Limitation(s):
01 - APPROVED FOR PUBLIC RELEASE
Distribution Statement:
Approved for public release; distribution is unlimited.
Abstract:
(U) Fifteen flights were conducted, of which 4 were made with Winzen balloons and 11 with General Mills balloons. Scientific equipment was carried to high altitudes for the Univ. of Iowa, New York Univ., and the Univ. of Chicago. The equipment of 3 universities included a Deacon

rocket with nose cones outfitted to make cosmic-ray measurements, a neutron counter, and a photographic device, respectively. The flights were launched from the US Coast Guard cutter Eastwind in the North Baffin Bay and Kane Basin regions, between Greenland and northeastern Canada. Seven rocket launchings were carried out with complete balloon success, although the first 2 rockets failed to fire after reaching altitude.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0019114

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/019114.pdf

Size: 3 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD019114>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) HIGH ALTITUDE BALLOON RESEARCH

Descriptive Note:

Final rept. Project 35017

Personal Author(s):

Giles, Keith C

Report Date:

17 Sep 1953

Media Count:

25 Page(s)

Report Number(s):

1228

XB-ONR

Contract Number:

NONR-87500

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) Flight summaries are presented for 11 Skyhook balloons. One flight gave inaccurate pressure-height data as checked with a theodolite. In another, a tear occurred in launching, and equipment was lost. The remaining 9 flights were all successful.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0019116

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/019116.pdf

Size: 4 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD019116>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) HIGH ALTITUDE BALLOON RESEARCH

Descriptive Note:

Final rept. Project 85012

Personal Author(s):

Giles, Keith C

Report Date:

04 Sep 1953

Media Count:

16 Page(s)

Report Number(s):

1227

XB-ONR

Contract Number:

NONR-875-00

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) Two flight summaries for Skyhook balloons are presented. One balloon was torn during inflation; this contributed to a lower rise rate and floating altitude than was anticipated. The equipment was tracked with a Stinson aircraft and recovered in Wisconsin. The second balloon was successfully launched and reached the desired altitude. The balloon was tracked by a Beechcraft aircraft, and the release and single shot camera were successfully actuated with the radio-command equipment. The equipment was recovered in the Upper Peninsula of Michigan. The accessory balloon equipment showed excellent results on both flights.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0019115

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/019115.pdf

Size: 3 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD019115>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) HIGH ALTITUDE BALLOON RESEARCH

Descriptive Note:

Final rept. Project 85008

Personal Author(s):

Giles, Keith C

Report Date:

04 Sep 1953

Media Count:

7 Page(s)

Report Number(s):

1226

XB-ONR

Contract Number:

NONR-875-00

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Abstract:

(U) A flight summary for a Skyhook balloon is presented. The balloon and accessory equipment were flown successfully. Poor mechanical conditions prevented successful tracking by an AT-6. The balloon landed in Mexico. The equipment and payload were returned in good condition.

Abstract Classification:

Unclassified

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0029426

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /U2/029426.pdf

Size: 4 MB

Handle / proxy Url: <http://handle.dtic.mil/100.2/AD029426>

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DATA ON THE USE OF CONSTANT LEVEL BALLOONS TO MEASURE THE HORIZONTAL MOTION IN THE ATMOSPHERE

Personal Author(s):

Moore, C B

Smith, J R

Gaalswyk, A

Report Date:

05 Jan 1953

Media Count:

51 Page(s)

Report Number(s):

1164

XB-ONR

Contract Number:

N6ONR-25209

Monitor Series:

ONR

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Distribution Statement:

Approved for public release; distribution is unlimited.

Technical Reports Collection

Citation Format: FOIA(U2)

Accession Number:

AD0432887

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) SKYHOOK BALLOON FLIGHTS FLIN FLON, CANADA. FLIGHTS
2628N THRU 2643N (30 AUGUST 23 SEPTEMBER 1963),

Personal Author(s):

Dungan, R M

McAleese, J

Report Date:

Jan 1943

Media Count:

26 Page(s)

Report Number(s):

2454

Contract Number:

Nonr158926

Report Classification:

Unclassified

Distribution Limitation(s):

01 - APPROVED FOR PUBLIC RELEASE

Highest Classification: UNCLASSIFIED

Highest Classification: UNCLASSIFIED

DTIC Bibliography

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0348405

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 14, 4 Sep-4 Dec 1963

Personal Author(s):

Whitnah, G R

Report Date:

03 Feb 1964

Media Count:

102 Page(s)

Report Number(s):

2512

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization... Commanding Officer, U.S. Army Biological Laboratories, Fort Detrick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0432682

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INVESTIGATION OF SURFACE ENERGY STATES OF SINGLECRYSTAL METALS,

Personal Author(s):

Steinberg,S

Roepke,W

Report Date:

Feb 1964

Media Count:

17 Page(s)

Report Number(s):

ARL-64 25

Contract Number:

AF33 657 8038

Monitor Series:

64 25

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0429232

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COLLECTIVE PROTECTION FOR COMBAT FIELD STRUCTURES.

Descriptive Note:

Bimonthly progress rept. no. 3, 1 Nov-31 Dec 63.

Personal Author(s):

Landsberg,M I

Report Date:

27 Jan 1964

Media Count:

1 Page(s)

Report Number(s):

2507

Contract Number:

DA18 108AMC214A

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) COLLECTIVE PROTECTION FOR COMBAT FIELD STRUCTURES

Descriptive Note:

Bimonthly progress rept. no. 2, 1 Sep-31 Oct 1963

Personal Author(s):

Landsberg, M I

Report Date:

27 Nov 1963

Media Count:

113 Page(s)

Report Number(s):

2485

XA-EA

Contract Number:

DA-18-108-AMC-214(A)

Monitor Series:

EA

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
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Edgewood Arsenal, Aberdeen Proving Ground, MD. Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0448291

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PHOTOCONTROLLED SURFACE CONDUCTANCE IN ANODIZED INSB,

Personal Author(s):

Mueller,R K

Jacobson,R L

Report Date:

22 Nov 1963

Media Count:

6 Page(s)

Report Number(s):

AFOSR-64 1744

Contract Number:

AF 49(638)-628

Monitor Series:

64 1744

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0448290

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) GRAIN BOUNDARY CONDUCTANCE IN INSB,

Personal Author(s):

Mueller,R K

Maffitt,K N

Report Date:

11 Nov 1963

Media Count:

1 Page(s)

Report Number(s):
AFOSR-64-1743
Contract Number:
AF49 638 628
Monitor Series:
64-1743
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0346750
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS
Descriptive Note:
Quarterly progress rept. no. 13, 4 June-4 Sep 1962
Personal Author(s):
Whitnah, G R
Report Date:
24 Oct 1963
Media Count:
114 Page(s)
Report Number(s):
2451
XA-ABL/MD
Contract Number:
DA-18-064-CML-2745
Monitor Series:
ABL/MD
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED
Distribution Statement:
Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0419056

Full Text (pdf) Availability:

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File: /UL/419056.pdf

Size: 3 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) COLLECTIVE PROTECTION FOR COMBAT FIELD STRUCTURES

Descriptive Note:

Bimonthly progress report no. 1, 1 Jul-31 Aug 1963

Personal Author(s):

Landsberg, M I

Report Date:

27 Sep 1963

Media Count:

96 Page(s)

Report Number(s):

2466

XA-EA

Contract Number:

DA-18-108-AMC-214(A)

Monitor Series:

EA

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 27 SEP 1963. Other requests shall be referred to U.S.
Army Edgewood Arsenal, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0419451

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /UL/419451.pdf
Size: 536 KB
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) FIRST FLIGHT AT NEEPAWA, MANITOBA
Personal Author(s):
O'Malley, T
Report Date:
Sep 1963
Media Count:
10 Page(s)
Report Number(s):
FR-2621N
XG-NASA
Contract Number:
NONR-1589-25
Monitor Series:
NASA
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS
Distribution Statement:
Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; SEP 1963. Other requests shall be referred to National
Aeronautics and Space Administration, Washington, DC.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
ADB280100
Full Text (pdf) Availability:
[View Full Text \(pdf\)](#)
File: /UL/b280100.pdf
Size: 1 MB
Corporate Author:
GENERAL MILLS INC ST PAUL MN ELECTRONICS DIV
Unclassified Title:
(U) Investigation of Surface Energy States of Single Crystals Metals
Personal Author(s):
Menard, R C
Anderson, A A

Report Date:

Aug 1963

Media Count:

31 Page(s)

Report Number(s):

ARL-63-130

XG-NASA

Contract Number:

AF33(657)-8038

Monitor Series:

NASA

Report Classification:

Unclassified

Distribution Limitation(s):

03 - U.S. GOVT. ONLY; DOD CONTROLLED

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies only; Proprietary Information; Aug 1963.
Other requests shall be referred to NASA, Wash, DC 20546

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0346751

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 12, 4 Mar-4 June 1963

Personal Author(s):

Whitnah, G R

Report Date:

10 Jul 1963

Media Count:

187 Page(s)

Report Number(s):

2411

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization... Commanding Officer, Army Biological Labs.,
Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0448292

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INSB DIODES UNDER CONTROLLED SURFACE CONDITIONS,

Personal Author(s):

Maffitt,K N

Mueller,R K

Report Date:

01 Jul 1963

Media Count:

2 Page(s)

Report Number(s):

AFOSR-64-1745

Contract Number:

AF49 638 628

Monitor Series:

64-1745

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

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Accession Number:

AD0337634

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File: /UL/337634.pdf

Size: 10 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS.

Descriptive Note:

Quarterly progress rept. no. 11, 4 Dec 62 4 Mar 63,

Personal Author(s):

Whitnah,G R

Report Date:

04 May 1963

Media Count:

1 Page(s)

Report Number(s):

2395

Contract Number:

DA18 064CML2745

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0351044

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) REMOTE HANDLING TECHNOLOGY AND EQUIPMENT INVESTIGATION.
PHASE II REPORT

Personal Author(s):

Karinen,R

Figenshau,J

Sullivan,R

Wachenheim,J

Report Date:

Apr 1963

Media Count:

146 Page(s)

Report Number(s):

2369
AFSWC-TDR-63-41
Contract Number:
AF 29(601)-5219
Monitor Series:
TDR-63-41
Report Classification:
SECRET
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS
51 - RESTRICTED DATA
Distribution Statement:
Release or announcement to foreign governments or their nationals is not authorized.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0337635
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS
Descriptive Note:
Quarterly progress rept. no. 10, 4 Sep-4 Dec 1962
Personal Author(s):
Whitnah, G R
Report Date:
04 Feb 1963
Media Count:
252 Page(s)
Report Number(s):
2373
XA-ABL/MD
Contract Number:
DA-18-064-CML-2745
Monitor Series:
ABL/MD
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED
Distribution Statement:
Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

DTIC DOES NOT HAVE THIS ITEM

Accession Number:

ADD850395

Corporate Author:

GENERAL MILLS INC ST PAUL MINN ELECTRONICS DIV

Unclassified Title:

(U) THERMAL-PHYSICAL PARAMETERS OF MATERIALS.

Descriptive Note:

Annual rept. 1, 21 May 62-20 May 63,

Personal Author(s):

Steinberg, S

Larson, R E

Kydd, A R

Report Date:

Jan 1963

Media Count:

110 Page(s)

Report Number(s):

2409

USA-NLABS-TPMR-63-2

Contract Number:

DA-19-129-QM-1998

Monitor Series:

TPMR-63-2

Report Classification:

Unclassified

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0288249

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Personal Author(s):

NASH,J H

LEITER,G G

JOHNSON,A P

Report Date:

31 Oct 1962

Media Count:

1 Page(s)

Report Number(s):

2352

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0333298

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Dissemination of Solid and Liquid BW Agents

Descriptive Note:

Quarterly progrss rept. no. 9, 4 Jun-4 Sep 1962

Report Date:

19 Oct 1962

Media Count:

115 Page(s)

Report Number(s):

2344

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0332405

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 8, 4 Mar-4 Jun 1962

Personal Author(s):

WHITNAH, G R

Report Date:

22 Aug 1962

Media Count:

230 Page(s)

Report Number(s):

2322

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0293599

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RELIABILITY INVESTIGATION OF CRIMP CONNECTIONS

Personal Author(s):

KLEMP,E

Report Date:

26 Jul 1962

Media Count:

1 Page(s)

Report Number(s):

90

IDEP-085.60.00.00-R3-01

Monitor Series:

085.60.00.00-R3-01

Report Classification:

Unclassified

Distribution Limitation(s):

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0281923

Full Text (pdf) Availability:

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File: /UL/281923.pdf

Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Descriptive Note:

Quarterly progress rept. no. 8, 3 Apr-3 July 1962

Personal Author(s):

Nash, J H

Leiter, G G

Johnson, A P

Report Date:

25 Jul 1962

Media Count:

48 Page(s)

Report Number(s):

2315

XA-CHEMCOR

Contract Number:

DA-18-108-405-CML-824

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 25 Jul 1962. Other requests shall be referred to
Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0332404

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 7, 4 Dec 1961-4 Mar 1962

Personal Author(s):

WHITNAH, G R

Report Date:

22 Jun 1962

Media Count:

128 Page(s)

Report Number(s):

2300

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0275264

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS.

Descriptive Note:

Quarterly progress rept. no. 7, 3 Jan-3 Apr 62,

Personal Author(s):

Nash ,J H

Leiter ,G G

Johnson,A P

Report Date:

03 May 1962

Media Count:

64 Page(s)

Report Number(s):

2276

Contract Number:

DA-18-108-405-cml-824

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0450508

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ALPHA AND BETA GRAIN BOUNDARIES IN INDIUM ANTIMONIDE,

Personal Author(s):

Mueller,R K

Jacobson,R L

Report Date:

27 Feb 1962

Media Count:

5 Page(s)

Report Number(s):

AFOSR-1466

Contract Number:

AF49 638 628

Monitor Series:

1466

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0329067

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 6, 4 Sep-4 Dec 1961

Personal Author(s):

WHITNAH, G R

Report Date:

23 Feb 1962

Media Count:

118 Page(s)

Report Number(s):

2264

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0271722

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Personal Author(s):

NASH,J H

LEITER,G G

JOHNSON,A P

Report Date:

15 Feb 1962

Media Count:

1 Page(s)

Report Number(s):

2256

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0327072

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 5, 4 Jun-4 Sep 1961

Personal Author(s):

Whitnah, G R

Report Date:

30 Nov 1961

Media Count:

133 Page(s)

Report Number(s):

2249

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

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Administrative/Operational Use; 06 SEP 2006. Other requests shall be referred to Army
Dugway Proving Ground, UT 84022. Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0325247

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 4, 4 Mar-4 Jun 1961

Personal Author(s):

UPTON, J E

Report Date:

10 Aug 1961

Media Count:

271 Page(s)

Report Number(s):

2216

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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09 - CLASSIFIED

Distribution Statement:

Controlling DoD Organization: Army Biological Labs, Fort Detrick, Frederick, MD.

Technical Reports Collection

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Accession Number:

AD0323598

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS

Descriptive Note:

Quarterly progress rept. no. 3, 4 Dec 1960-4 Mar 1961

Personal Author(s):

WHITNAH, G R

Report Date:

15 May 1961

Media Count:

109 Page(s)

Report Number(s):

2200

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 15 MAY 1961. Other requests shall be referred to Army
Dugway Proving Ground, UT 84022.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0266696

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) OPTICAL MEASUREMENT OF OXIDE THICKNESS OF TITANIUM

Personal Author(s):

ANDERSON,A A

MENARD,R C

Report Date:

May 1961

Media Count:

1 Page(s)

Report Number(s):

ARL-32

Contract Number:

AF33 616 6178

Monitor Series:

32

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0323599

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Dissemination of Solid and Liquid BW Agents

Descriptive Note:

Quarterly progress rept. no. 2, 4 Sep-4 Dec 1960

Personal Author(s):

WHITNAH, G R

Report Date:

13 Feb 1961

Media Count:

107 Page(s)

Report Number(s):

2161

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 13 FEB 1961. Other requests shall be referred to Army Dugway Proving Ground, UT 84022. Document partially illegible.

Technical Reports Collection

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Accession Number:

AD0249913

Full Text (pdf) Availability:

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File: /UL/249913.pdf

Size: 2 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Descriptive Note:

Quarterly Progress rept. no. 1

Personal Author(s):

NASH, J H

LEITER, G T

Report Date:

31 Dec 1960

Media Count:

50 Page(s)

Report Number(s):

2148

XA-CHEMCOR

Contract Number:

DA-18-108-405-CML-824

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational use; 31 Dec 1960. Other requests shall be referred to
Chemical Corps, Army Chemical Center MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0254021

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH ON THE EFFECTS OF COLLISIONS OF SMALL PARTICLES
WITH BODIES MOVING AT HYPERSONIC SPEED. PART III. EROSION AND
HEAT TRANSFER EFFECTS

Personal Author(s):

WHITNAH,G

UPTON,J

Report Date:

Dec 1960

Media Count:

1 Page(s)

Report Number(s):

ASD-TR58 498 P3

Contract Number:

AF33 616 5565

Monitor Series:

TR58 498 P3

Report Classification:

Unclassified

Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0456498
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) GROWTH TWINS IN INDIUM ANTIMONIDE,
Personal Author(s):
Mueller,R K
Jacobson,R L
Report Date:
14 Nov 1960
Media Count:
1 Page(s)
Report Number(s):
AFOSR-TN60 1378
Contract Number:
AF49 638 628
Monitor Series:
TN60 1378
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0324746
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) DISSEMINATION OF SOLID AND LIQUID BW AGENTS
Descriptive Note:
Progress rept. 3 Jun-3 Sep 1960
Personal Author(s):

WHITNAH, G R

Report Date:

13 Oct 1960

Media Count:

91 Page(s)

Report Number(s):

2125

XA-ABL/MD

Contract Number:

DA-18-064-CML-2745

Monitor Series:

ABL/MD

Report Classification:

CONFIDENTIAL

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03 - U.S. GOVT. ONLY; DOD CONTROLLED

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

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Other requests shall be referred to Commander, Dugway Proving Ground, Attn: Doc.

Rev. Bd., Dugway, UT 84022. Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0243607

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF THE DISPERSIBILITY OF POWDERED MATERIALS

Personal Author(s):

NASH,J H

ZELLER,H WM

LEITER,G T

Report Date:

26 Sep 1960

Media Count:

36 Page(s)

Report Number(s):

2112

Contract Number:

DA18 108 405CML824

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Distribution: No Forn, Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0245881

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STELLAR ABERRASCOPE STUDY

Personal Author(s):

LILLESTRAND,ROBERT

EUMURIAN,CHARLES

Report Date:

15 Sep 1960

Media Count:

1 Page(s)

Report Number(s):

2111

Contract Number:

AF33 616 7400

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0322092

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY AND ANALYSIS OF THE SHADOW TECHNIQUE

Report Date:

Sep 1960

Media Count:

1 Page(s)

Report Number(s):

2123SR2123

ASD-TR60 842

Contract Number:

AF33 616 6830

Monitor Series:

TR60 842

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

22 - DOCUMENT ILLEGIBLE

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0318377

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES EVALUATION. VOLUME II. STUDIES
ON DECEPTION JAMMING

Descriptive Note:

Final engineering rept. Vol. 2

Personal Author(s):

RAABE,HERBERT

Report Date:

Jul 1960

Media Count:

1 Page(s)

Report Number(s):

WADD-TR60 492 V2

Contract Number:

AF33 616 3739

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TR60 492 V2

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0318378

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES EVALUATION. VOLUME III.
DEVELOPMENT OF TECHNIQUES FOR THE CONFUSION OF CORRELATION
JAMMER LOCATORS

Descriptive Note:

Final engineering rept. Vol. 3

Personal Author(s):

SCHINDLER,ROY P

GROSZ,WILLIAM S

Report Date:

Jul 1960

Media Count:

1 Page(s)

Report Number(s):

WADD-TR60 492 V3

Contract Number:

AF33 616 3739

Monitor Series:

TR60 492 V3

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0318376

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES EVALUATION, VOLUME I. JAMMING
WAVEFORM EVALUATION

Descriptive Note:

Final engineering rept. Vol. 1,

Personal Author(s):

SCHINDLER,ROY P

GROSZ,WILLIAM S

Report Date:

Jul 1960

Media Count:

1 Page(s)

Report Number(s):

WADD-TR60 492 V1

Contract Number:

AF33 616 3739

Monitor Series:

TR60 492 V1

Report Classification:

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Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0317993

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY AND ANALYSIS OF THE SHADOW TECHNIQUE

Descriptive Note:

Interim rept.

Personal Author(s):

HORNING,NORMAN

WATERS,DONALD

Report Date:

Jun 1960

Media Count:

1 Page(s)

Report Number(s):

SR2041

Contract Number:

AF33 616 6830

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0316308

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 15, 1 Dec 59-29 Feb 60.

Report Date:

18 Apr 1960

Media Count:

33 Page(s)

Report Number(s):

1992

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0251651

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS

Personal Author(s):

ANDREWS, J S

Report Date:

31 Mar 1960

Media Count:

1 Page(s)

Report Number(s):

S 706 8

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0236988

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) LIGHTER-THAN-AIR CONCEPTS STUDY

Personal Author(s):

ANDERSON,A A

ERICKSON,M L

Report Date:

Mar 1960

Media Count:

1 Page(s)

Report Number(s):

1765

Contract Number:

NONR158907

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

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Accession Number:

AD0314316

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 14, 1 Sep-30 Nov 59.

Report Date:

31 Dec 1959

Media Count:

52 Page(s)

Report Number(s):

80061 9

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0233013

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PARABALLOON ANTENNA MATERIALS STUDY

Personal Author(s):

NASH,J H

BOLLAG,F J

Report Date:

04 Dec 1959

Media Count:

1 Page(s)

Report Number(s):

1915

RADC-TR 59-233

Contract Number:

AF30 602 1940

Monitor Series:

TR 59-233

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0232305

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) TESTS FOR THE AUTOMATIC POSITION SURVEY EQUIPMENT

Report Date:

30 Nov 1959

Media Count:

1 Page(s)

Report Number(s):

81515 1

Contract Number:

DA44 009ENG3366

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0232878

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

Report Date:

31 Oct 1959

Media Count:

1 Page(s)

Report Number(s):

1914

AFCRL-TR60 204

Contract Number:

AF19 604 3876

Monitor Series:

TR60 204

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0227598

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL STUDIES

Descriptive Note:

Quarterly rept. no. 12, 1 Jul-30 Sep 59,

Personal Author(s):

MAYER,LUDWIG J

Report Date:

12 Oct 1959

Media Count:

8 Page(s)

Report Number(s):

1906

Contract Number:

AF 33(616)-3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0236031

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL STUDIES

Personal Author(s):

MAYER,LUDWIG J

Report Date:

Oct 1959

Media Count:

1 Page(s)

Report Number(s):

ASD-TR59 640

Contract Number:

AF33 616 3852

Monitor Series:

TR59 640

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0239586

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS

Personal Author(s):

ANDREWS,J S

Report Date:

30 Sep 1959

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0312841

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 13, 1 Jun-31 Aug 59.

Report Date:

30 Sep 1959

Media Count:

21 Page(s)

Report Number(s):

GMI-80061-8

Contract Number:

AF 33(616)-3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0235928

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH ON THE EFFECTS OF COLLISIONS OF SMALL PARTICLES WITH BODIES MOVING AT HYPERSONIC SPEED. PART II. EROSION AND HEAT TRANSFER EFFECTS

Personal Author(s):

WHITNAH,G

WEHNER,G

Report Date:

Aug 1959

Media Count:

1 Page(s)
Report Number(s):
ASD-TR58 498 P2
Contract Number:
AF33 616 5565
Monitor Series:
TR58 498 P2
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
ADB956282
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV
Unclassified Title:
(U) Operator's Manual for the Automatic Position Survey Equipment (APSE).
Report Date:
15 Jul 1959
Media Count:
70 Page(s)
Contract Number:
DA-44-009-eng-3366
Report Classification:
Unclassified
Distribution Limitation(s):
05 - CONTROLLED; DOD CONTROLLED
Distribution Statement:
Distribution: Further dissemination only as directed by Cdr, US Army Engineer
Topographic Labs., Fort Belvoir, VA 22060, 23 May 84 or higher DoD authority.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
ADB956317
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) General Manual for the Automatic Position Survey Equipment (APSE).

Report Date:

15 Jul 1959

Media Count:

202 Page(s)

Contract Number:

DA-44-009-eng-3366

Report Classification:

Unclassified

Distribution Limitation(s):

05 - CONTROLLED; DOD CONTROLLED

Distribution Statement:

Distribution: Further dissemination only as directed by Commander, US Army Engineer Topographic Labs., Fort Belvoir, VA 22060, 24 May 84 or higher DoD authority.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0220231

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL STUDIES

Personal Author(s):

MAYER,LUDWIG J

Report Date:

09 Jul 1959

Media Count:

1 Page(s)

Report Number(s):

1906

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0309130

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 12, 1 Mar-31 May 59.

Report Date:

30 Jun 1959

Media Count:

42 Page(s)

Report Number(s):

80061-7

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0307133

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Countermeasures Techniques Synthesis.

Report Date:

May 1959

Media Count:

17 Page(s)

Report Number(s):

80061-6

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0216153

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL STUDIES

Descriptive Note:

Quarterly rept. no. 10, 1 Jan-31 Mar 59,

Personal Author(s):

MAYER,LUDWIG J

Report Date:

14 Apr 1959

Media Count:

13 Page(s)

Report Number(s):

1900

Contract Number:

AF-33(616)-3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0216154

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Research on the Effects of Collisions of Small Particles with Bodies Moving at Hypersonic Speeds,

Descriptive Note:

Quarterly progress rept. no. 2, 15 Dec 58-15 Mar 59.

Personal Author(s):

WHITNAH,G
WEHNER,G
Report Date:
06 Apr 1959
Media Count:
23 Page(s)
Report Number(s):
1898
Contract Number:
AF 33(616)-5565
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0306754
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) COUNTERMEASURES TECHNIQUES SYNTHESIS
Descriptive Note:
Quarterly progress rept. no. 11, 1 Dec 58-28 Feb 59.
Report Date:
31 Mar 1959
Media Count:
1 Page(s)
Report Number(s):
80061-5
Contract Number:
AF33 616 3739
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0220232
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) PROJECT STRATOSCOPE
Personal Author(s):
BESON,E E
Report Date:
21 Mar 1959
Media Count:
1 Page(s)
Report Number(s):
B 1066
Contract Number:
NONR128910
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0304111
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) TERRAIN CLEARANCE ADAPTER
Descriptive Note:
Final engineering rept.,
Personal Author(s):
ALTERMAN,F J
VAN KREVELEN,E R
HORNING,N G
Report Date:
Jan 1959
Media Count:
100 Page(s)
Report Number(s):
WADC-TR-58-675
Contract Number:
AF 33(616)-3935

Monitor Series:
TR-58-675
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0220367
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE
EFFECTS OF IONIZING RADIATION ON SUGARS
Personal Author(s):
ANDREWS,J S
Report Date:
31 Dec 1958
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0211418
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL
STUDIES
Personal Author(s):
MAYER,LUDWIG J
Report Date:
31 Dec 1958

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0304576

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 10, 1 Sep-31 Nov 58.

Report Date:

31 Dec 1958

Media Count:

47 Page(s)

Report Number(s):

80061-3

Contract Number:

AF 33(616)-3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0216694

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INVESTIGATION OF STRESS DISTRIBUTION IN AN INFLATED BALLOON

Descriptive Note:

Phase rept. 15 Mar-11 Dec 58,

Personal Author(s):

ANDERSON, JR ,A A

BARRETT,R W

Report Date:

15 Dec 1958

Media Count:

1 Page(s)

Report Number(s):

1887

AFCRC-TN-59-405

Contract Number:

AF 19(604)-3876

Monitor Series:

TN-59-405

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0216695

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Descriptive Note:

Quarterly technical rept. no. 3, 15 Sep-14 Dec 58,

Personal Author(s):

Anderson,A A , Jr

Morfitt,G L

Tolberg,W E

Report Date:

14 Dec 1958

Media Count:

32 Page(s)

Report Number(s):

1889

AFCRC-TN-59-406

Contract Number:

AF 19(604)-3876

Monitor Series:

TN-59-406

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0212386

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PROJECT HURRICOON

Personal Author(s):

CHURCH,D A

Report Date:

20 Oct 1958

Media Count:

1 Page(s)

Report Number(s):

1880

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0213267

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) A STUDY OF THE EFFECTS OF IONIZING RADIATION ON SUGARS

Descriptive Note:

Progress rept. no. 4, 1 Apr-30 Sep 58,

Personal Author(s):

ANDREWS,J S

Report Date:

30 Sep 1958

Media Count:

16 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0205383

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR
MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

30 Sep 1958

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0302590

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 9, 1 Jun-31 Aug 1958

Report Date:

30 Sep 1958

Media Count:

63 Page(s)

Report Number(s):

GMI-80061-2

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Contract Number:

AF 33(616)-3739

Monitor Series:

WADC

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Controlling DoD Organization: the Air Force Wright Air Development Center, Wright-Patterson AFB, OH 45433, Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB956235

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Automatic Tracking Theodolite. Volume 1.

Descriptive Note:

Interim study rept. 30 Jun-30 Sep 58,

Report Date:

30 Sep 1958

Media Count:

239 Page(s)

Report Number(s):

GMI-81520-1-VOL-1

Contract Number:

DA-44-009-ENG-3651

Report Classification:

Unclassified

Distribution Limitation(s):

05 - CONTROLLED; DOD CONTROLLED

Distribution Statement:

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB956236

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Automatic Tracking Theodolite. Volume 2.

Descriptive Note:

Interim study rept. 30 Jun-30 Sep 58,

Report Date:

30 Sep 1958

Media Count:

218 Page(s)

Report Number(s):

GMI-81520-1-VOL-2

Contract Number:

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Report Classification:

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Distribution Limitation(s):

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Distribution Statement:

Distribution: Further dissemination only as directed by Cdr., US Army Engineer Topographic Labs., Ft. Belvoir, VA 22060; 24 May 84 or higher DoD authority.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0205384

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A ,JR

Report Date:

14 Sep 1958

Media Count:

1 Page(s)

Contract Number:

AF19 604 3876

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0155894

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Research on the Effects of Collisions of Small Particles with Bodies Moving at Hypersonic Speeds.

Report Date:

Jul 1958

Media Count:

1 Page(s)

Report Number(s):

ASD-TR58 498

Contract Number:

AF33 616 5565

Monitor Series:

TR58 498

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0204034

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER, LUDWIG J

Report Date:

30 Jun 1958

Media Count:

1 Page(s)

Contract Number:

af33

616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0302405

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 8, 1 Mar-31 May 58

Report Date:

15 Jun 1958

Media Count:

93 Page(s)

Report Number(s):

80061-1

Contract Number:

AF 33(616)-3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0152616

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A

BARRETT,R W

Report Date:

14 Jun 1958

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN58 440

Contract Number:

AF19 604 3876

Monitor Series:

TN58 440

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0214013

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) THE AUTOMATIC POSITION SURVEY EQUIPMENT

Descriptive Note:

Interim technical rept. no. 3 (Final) on Phase 1,

Personal Author(s):

Peterson, Clarence

Report Date:

29 May 1958

Media Count:

324 Page(s)

Report Number(s):

1845

Contract Number:

DA-44-009-eng-3366

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0214012

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) COMPUTER AND DATA HANDLING CONSIDERATIONS OF THE
AUTOMATIC POSITION SURVEY EQUIPMENT

Descriptive Note:

Interim technical rept. no. 2 (Final) on Phase 1,

Personal Author(s):

Peterson, Clarence

Report Date:

29 May 1958

Media Count:

192 Page(s)

Report Number(s):

1846

Contract Number:

DA-44-009-eng-3366

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0159259

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR
MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

31 Mar 1958

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0152504

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A , JR

MORFITT,G L

Report Date:

14 Mar 1958

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TR58 211
Contract Number:
AF19 604 1393
Monitor Series:
TR58 211
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0152464
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) BALLOON BARRIER MATERIALS
Personal Author(s):
ANDERSON,A A ,JR
MORFITT,G L
Report Date:
14 Mar 1958
Media Count:
1 Page(s)
Report Number(s):
AFCRL-TN58 231
Contract Number:
AF19 604 1393
Monitor Series:
TN58 231
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0154475

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 7, 1 Dec 57-28 Feb 58.

Report Date:

05 Mar 1958

Media Count:

1 Page(s)

Report Number(s):

1829

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0157223

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING STUDY

Personal Author(s):

NASH,J H

OLSON,R K

BAUMSTARK,J S

Report Date:

28 Feb 1958

Media Count:

1 Page(s)

Report Number(s):

1830

Contract Number:

DA18 064 404CML117

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0146865

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SUGGESTED USES OF METEOROLOGICAL DATA COLLECTED BY
CONSTANT-PRESSURE LEVEL BALLOON SYSTEMS

Personal Author(s):

GAALSWYK,ARIE

Report Date:

26 Feb 1958

Media Count:

1 Page(s)

Report Number(s):

SR11782

AFCRL-TN58 214

Contract Number:

AF19 604 1180

Monitor Series:

TN58 214

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0142242

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) ADVANCED AIRBORNE EARLY WARNING AND CONTROL SYSTEM AND
EQUIPMENT

Descriptive Note:

Final engineering rept. 13 Jun 56-12 Oct 57.

Report Date:

31 Dec 1957

Media Count:

1 Page(s)

Report Number(s):

1797

WADC-TR57-758

Contract Number:

AF33 600 33157

Monitor Series:

TR57-758

Report Classification:

Unclassified

Distribution Limitation(s):

04 - DOD ONLY; DOD CONTROLLED

Distribution Statement:

Distribution: DoD only; others to WADC, Attn: WCLR, Wash., D. C.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0155119

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Research to Investigate the Feasibility of Electron Mirror Microscopy in the Study of Magnetic Domains.

Report Date:

31 Dec 1957

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0157224

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING STUDY

Personal Author(s):

NASH,J H

OLSON,R K

BAUMSTARK,J S

Report Date:

15 Dec 1957

Media Count:

1 Page(s)

Contract Number:

DA18 064 404CML117

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0146766

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

Report Date:

14 Dec 1957

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN57 622

Contract Number:

AF19 604 1393

Monitor Series:

TN57 622

Report Classification:

Unclassified

Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0302404
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) COUNTERMEASURES TECHNIQUES SYNTHESIS
Descriptive Note:
Quarterly progress rept. no. 6, 1 Sep-30 Nov 57.
Report Date:
02 Dec 1957
Media Count:
48 Page(s)
Report Number(s):
1804
Contract Number:
AF 33(616)-3739
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0142323
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) CONSTANT CURRENT RESISTORS
Personal Author(s):
STUETZER, OTMAR M
Report Date:
Dec 1957
Media Count:
1 Page(s)

Report Number(s):
ASD-TR57 272
Contract Number:
AF33 600 31926
Monitor Series:
TR57 272
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0210341
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) A STUDY OF THE EFFECTS OF IONIZING RADIATION ON SUGARS
Personal Author(s):
ANDREWS, J S
EMERY, D F
Report Date:
30 Nov 1957
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0215135
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY
Descriptive Note:

Final rept. 15 Feb 56-15 Nov 57,

Personal Author(s):

Buffington,J W

Report Date:

15 Nov 1957

Media Count:

1 Page(s)

Report Number(s):

1812

Contract Number:

DA-36-039-sc-71180

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0131084

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR
MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

27 Sep 1957

Media Count:

1 Page(s)

Report Number(s):

ASD-TR57 585

Contract Number:

AF33 616 3852

Monitor Series:

TR57 585

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0142934

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

17 Sep 1957

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0133801

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

HIRD,F S

Report Date:

14 Sep 1957

Media Count:

1 Page(s)

Contract Number:

AF19 604 1393

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0150544

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Report Date:

Sep 1957

Media Count:

80 Page(s)

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0141677

Full Text (pdf) Availability:

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File: /UL/141677.pdf

Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Quarterly rept. no. 3, 1 Jun-31 Aug 1957

Personal Author(s):

NASH, J H

OLSON, R K

BAUMSTARK, J S

Report Date:

31 Aug 1957

Media Count:

34 Page(s)

Report Number(s):

1766

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0143083

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 5, 1 Jun-31 Aug 57.

Report Date:

Aug 1957

Media Count:

1 Page(s)

Report Number(s):

1777

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB956386

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) T-5 Trailmarking System.

Descriptive Note:

Final technical rept. Apr-Jul 57,

Personal Author(s):

Keller,D

Krauter,K

Report Date:

15 Jul 1957

Media Count:

55 Page(s)

Report Number(s):

1734

Contract Number:

DA-44-009-eng-3239

Report Classification:

Unclassified

Distribution Limitation(s):

04 - DOD ONLY; DOD CONTROLLED

Distribution Statement:

Distribution limited to DoD only; Critical Technology; 1 May 84. Other requests must be referred to Cdr., US Army Belvoir R&D Ctr., Attn: STRBE-S. Ft. Belvoir, VA 22060.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0135400

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Project AEW.

Descriptive Note:

Quarterly progress rept. no. 4, 13 Mar-13 Jun 57.

Report Date:

01 Jul 1957

Media Count:

1 Page(s)

Report Number(s):

GMI-1730

Contract Number:

AF33 600 33157

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB956577

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Preliminary T-5 Trailmarking System.

Descriptive Note:

Final technical rept. 26 Apr-1 Jul 57,

Personal Author(s):

Keller,D

Krauter,K

Report Date:

01 Jul 1957

Media Count:

27 Page(s)

Report Number(s):

1734

Contract Number:

DA-44-009-ENG-3239

Report Classification:

Unclassified

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04 - DOD ONLY; DOD CONTROLLED

Distribution Statement:

Distribution limited to DoD only; Critical Technology; 1 May 84. Other requests must be referred to Commander, US Army Belvoir R&D Center, Attn: STRBE-N via STRBE-S. Fort Belvoir, VA 22060.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0136264

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR
MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

27 Jun 1957

Media Count:

1 Page(s)

Contract Number:

AF33 616 3852

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0139751

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Personal Author(s):

SPENCER,W

Report Date:

26 Jun 1957

Media Count:

1 Page(s)

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0133607

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) THE USEFULNESS OF CONSTANT LEVEL BALLOON TRAJECTORY DATA

Descriptive Note:

Final rept.

Personal Author(s):

GILES,KEITH C

PETERSON,ROY E

Report Date:

20 Jun 1957

Media Count:

1 Page(s)

Report Number(s):

1725

AFCRL-TR57-205

Contract Number:

AF19 604 1180

Monitor Series:

TR57-205

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0134518

Full Text (pdf) Availability:

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File: /UL/134518.pdf

Size: 4 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Quarterly rept. no. 2, 1 Mar-31 May 1957

Personal Author(s):

Nash, J H

Bollag, F J

Olson, R K

Lahti, W H

Report Date:

14 Jun 1957

Media Count:

48 Page(s)

Report Number(s):

1672

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

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Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0117221

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR
BARRETT,R W
Report Date:
14 Jun 1957
Media Count:
1 Page(s)
Report Number(s):
AFCRL-TN57 467
Contract Number:
AF19 604 1393
Monitor Series:
TN57 467
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0145391
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY
Personal Author(s):
BUFFINGTON,J W
Report Date:
15 May 1957
Media Count:
1 Page(s)
Contract Number:
DA36 039SC71180
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0127270
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) Constant Current Resistors.
Report Date:
29 Mar 1957
Media Count:
1 Page(s)
Contract Number:
AF33 600 31926
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0130325
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) CONSTANT CURRENT RESISTORS
Personal Author(s):
STUETZER,O M
Report Date:
29 Mar 1957
Media Count:
1 Page(s)
Contract Number:
AF33 600 31926
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0127661

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PROJECT AEW

Descriptive Note:

Quarterly progress rept. no. 3, 13 Dec 56-13 Mar 57.

Report Date:

27 Mar 1957

Media Count:

1 Page(s)

Report Number(s):

1681

Contract Number:

AF33 600 33157

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0117181

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

ROSENBERG,D L

Report Date:

14 Mar 1957

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN57 291

Contract Number:

AF19 604 1393

Monitor Series:

TN57 291

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0117157

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

Report Date:

14 Mar 1957

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN57 274

Contract Number:

AF19 604 1393

Monitor Series:

TN57 274

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128928

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SEMICONDUCTOR DEVICES RESEARCH PROGRAM

Personal Author(s):

KEISTER,JAMES E

Report Date:

02 Mar 1957

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0126430

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Personal Author(s):

SPENCER,W

Report Date:

Mar 1957

Media Count:

1 Page(s)

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0141373

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY

Personal Author(s):

BUFFINGTON,J W

Report Date:

15 Feb 1957

Media Count:

1 Page(s)

Contract Number:

DA36 039SC71180

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128407

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) Fine Grinding Study.

Report Date:

Feb 1957

Media Count:

1 Page(s)

Contract Number:

DA18 064 404CML117

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB969930

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN MECHANICAL DIV

Unclassified Title:

(U) Underwater Guidance System for Surface and Underseas Craft,

Personal Author(s):

Kohl, D A

Report Date:

11 Jan 1957

Media Count:

42 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

12 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution: DTIC users only.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0118683

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PROJECT AEQ

Descriptive Note:

Quarterly rept. no. 2, 13 Sep-13 Dec 56.

Report Date:

02 Jan 1957

Media Count:

96 Page(s)

Report Number(s):

1646

Contract Number:

AF33 600 33157

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0119964

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH TO INVESTIGATE THE FEASIBILITY OF ELECTRON MIRROR
MICROSCOPY IN THE STUDY OF MAGNETIC DOMAINS

Personal Author(s):

MAYER,LUDWIG J

Report Date:

20 Dec 1956

Media Count:

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Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0116146

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COUNTERMEASURES TECHNIQUES SYNTHESIS

Descriptive Note:

Quarterly progress rept. no. 2, 1 Sep-31 Nov 56

Personal Author(s):

SPENCER,W

Report Date:

17 Dec 1956

Media Count:

17 Page(s)

Report Number(s):

1639

Contract Number:

AF33 616 3739

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

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Technical Reports Collection

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AD0222569

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Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly rept. 1 Oct-30 Nov 1956

Personal Author(s):

FITZ, C D

GEIGER, J W

OLSON, R K

Report Date:

14 Dec 1956

Media Count:

40 Page(s)

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1640

XA-CHEMCOR

Monitor Series:

CHEMCOR

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Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Dec 1956. Other requests shall be referred to Chemical
Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0110240

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

ROSENBERG,D L

Report Date:

14 Dec 1956

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN56 879

Contract Number:

AF19 604 1393

Monitor Series:

TN56 879

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0113293

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) CONSTANT CURRENT RESISTORS

Personal Author(s):

STUETZER,O M

Report Date:

20 Nov 1956

Media Count:

1 Page(s)

Contract Number:

AF33 600 31926

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0141372

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY

Personal Author(s):

BUFFINGTON,J W

Report Date:

15 Nov 1956

Media Count:

1 Page(s)

Contract Number:

DA36 039SC71180

Report Classification:

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Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Accession Number:

AD0222566

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Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly rept. 1 Aug-30 Sep 1956

Personal Author(s):

FITZ, C D

GEIGER, J W

OLSON, R K

Report Date:

07 Nov 1956

Media Count:

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Report Number(s):

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Contract Number:

DA-18-064-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

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Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Nov 1956. Other requests shall be referred to Chemical
Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB955995

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Design, Development, Construction, Installation and Field Test of Two-Wire
Trailmark System T-2.

Descriptive Note:

Final technical rept. 1 Feb-1 Sep 56,

Personal Author(s):

Krauter,K

Report Date:

01 Nov 1956

Media Count:

129 Page(s)

Report Number(s):

1618

Contract Number:

DA-44-009-eng-2800

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04 - DOD ONLY; DOD CONTROLLED

Distribution Statement:

Distribution limited to DoD only; Critical Technology; 17 Apr 84. Other requests must be
referred to CDR, USA Belvoir R&D Ctr., Attn: STRBE-S. Ft. Belvoir, VA 22060.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0112584

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PROJECT AEW

Descriptive Note:

Quarterly progress rept. no. 1, 13 Jun-13 Sep 56.

Personal Author(s):

BECKER,J

FANTLE,H

Report Date:

03 Oct 1956

Media Count:

1 Page(s)

Contract Number:

AF33 600 33157

Report Classification:

CONFIDENTIAL

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09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0112459

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) INSTRUCTION MANUAL FOR T-2 ARCTIC TRAIL-MARKING SYSTEM

Personal Author(s):

KRAUTER,K

LOBB,CHARLES

Report Date:

01 Oct 1956

Media Count:

1 Page(s)

Report Number(s):

1604

Contract Number:

DA44 009ENG2800

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0098764

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

HIRD,F S

MORFITT,G L

Report Date:

14 Sep 1956

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN56 691

Contract Number:

AF19 604 1393

Monitor Series:

TN56 691

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0106027

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) CONSTANT CURRENT RESISTORS
Personal Author(s):
LINDEMANN,WALLACE W
Report Date:
14 Sep 1956
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0109773
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) SYNTHESIS COUNTERMEASURES TECHNIQUES
Descriptive Note:
Quarterly progress rept. no. 1, 1 Jun-1 Sep 56
Personal Author(s):
HUNTINGTON,R
Report Date:
14 Sep 1956
Media Count:
12 Page(s)
Report Number(s):
1595
Contract Number:
AF33 616 3739
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
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Technical Reports Collection

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Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly progress rept. 1 Jun-31 Jul 1956

Personal Author(s):

FITZ, C D

GEIGER, J W

OLSON, R K

Report Date:

13 Sep 1956

Media Count:

32 Page(s)

Report Number(s):

1592

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

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Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Sep 1956. Other requests shall be referred to Chemical
Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0137425

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY

Personal Author(s):

BUFFINGTON, J W

Report Date:

15 Aug 1956

Media Count:

1 Page(s)

Contract Number:

DA36 039SC71180

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0222563

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Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly progress rept. 1 Apr-31 May 1956

Personal Author(s):

FITZ, C D

OLSON, R K

PALM, J D

Report Date:

10 Jul 1956

Media Count:

41 Page(s)

Report Number(s):

1560

XA-CHEMCOR

Contract Number:

DA-18-046-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Jul 1956. Other requests shall be referred to
Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0097743

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) AIRCRAFT SECURITY ALARM STUDY

Descriptive Note:

Final rept. for 12 Dec 55-15 Jun 56.

Personal Author(s):

NASH,J H

Report Date:

25 Jun 1956

Media Count:

306 Page(s)

Report Number(s):

1553

RADC-TR-56-91

Contract Number:

AF30 602 1421

Monitor Series:

TR-56-91

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0102944
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) BALLOON BARRIER MATERIALS
Personal Author(s):
ANDERSON,A A JR
BARRETT,R W
MORFITT,G L
Report Date:
05 Jun 1956
Media Count:
1 Page(s)
Contract Number:
AF19 604 1393
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0099208
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) DESIGN. DEVELOPMENT, CONSTRUCTION OF TWO-WIRE
TRAILMARKING SYSTEM T-4
Personal Author(s):
SCHWIEGER,L G
Report Date:
01 Jun 1956
Media Count:
1 Page(s)
Report Number(s):
1536
Contract Number:
DA44 009ENG2807
Report Classification:
Unclassified
Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0109963

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) DESIGN, DEVELOPMENT, CONSTRUCTION AND ARCTIC TEST OF TWO-WIRE TRAILMARKING SYSTEM T-2

Personal Author(s):

KRAUTER,K

Report Date:

01 Jun 1956

Media Count:

1 Page(s)

Report Number(s):

1545

Contract Number:

DA44 009ENG2800

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0094510

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) CONSTANT CURRENT RESISTORS

Personal Author(s):

LINDEMANN,WALLACE W

Report Date:

21 May 1956

Media Count:

1 Page(s)

Contract Number:
AF33 600 31926
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:
AD0118684
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) COMPONENTS SUITABLE FOR AUTOMATIC ASSEMBLY
Personal Author(s):
KWASNIEWSKI,GEORGE
Report Date:
15 May 1956
Media Count:
1 Page(s)
Contract Number:
DA36 039SC71180
Report Classification:
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AD0222564
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Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) FINE GRINDING STUDY

Descriptive Note:

Bimontly rept. 1 Feb-31 Mar 1956

Personal Author(s):

FITZ, C D

OLSON, R K

PALM, J D

Report Date:

10 May 1956

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62 Page(s)

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XA-CHEMCOR

Contract Number:

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Monitor Series:

CHEMCOR

Report Classification:

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0105193

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

GEAR,E C

MORFITT,G L

Report Date:

14 Mar 1956

Media Count:

1 Page(s)

Contract Number:

AF19 604 1393

Report Classification:

Unclassified

Distribution Limitation(s):

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Citation Format: FOIA(UL)

Accession Number:

AD0105194

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON,A A JR

MORFITT,G L

Report Date:

12 Mar 1956

Media Count:

1 Page(s)

Report Number(s):

1513

AFCRL-TN56 273

Contract Number:

AF19 604 1393

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TN56 273

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0108932

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF PRECISION SPEED REGULATED DRIVES FOR MOTOR AND
ENGINE ALTERNATOR SETS

Personal Author(s):

KRAUTER,K E
SCHMEIDEL,G S

Report Date:

Mar 1956

Media Count:

1 Page(s)

Contract Number:

AF33 616 2877

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0130789

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF PRECISION SPEED REGULATED DRIVES FOR MOTOR AND
ENGINE ALTERNATOR SETS

Personal Author(s):

KRAUTER,K E
SCHMEIDEL,G S

Report Date:

01 Mar 1956

Media Count:

1 Page(s)

Report Number(s):

ASD-TR57 350

Contract Number:

AF33 616 2877

Monitor Series:

TR57 350

Report Classification:

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Accession Number:

AD0222562

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Size: 2 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly progress rept. 1 Dec 1955-31 Jan 1956

Personal Author(s):

FITZ, C D

MCGILLICUDDY, J L

OLSON, R K

PALM, J D

Report Date:

20 Feb 1956

Media Count:

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Report Number(s):

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-117

Monitor Series:

CHEMCOR

Report Classification:

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Administrative/Operational Use; Feb 1956. Other requests shall be referred to
Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0090538

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) VELOCITY DEPARTURES FROM GEOSTROPHIC FLOW AS MEASURED
FROM CONSTANT LEVEL BALLOON DATA

Personal Author(s):

GILES,KEITH C

PETERSON,ROY E

Report Date:

10 Feb 1956

Media Count:

1 Page(s)

Report Number(s):

1505

AFCRL-TN56 269

Contract Number:

AF19 604 1180

Monitor Series:

TN56 269

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0142626

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING STUDY

Personal Author(s):

FITZ,C D

GAALSWYK,A

Report Date:

15 Dec 1955

Media Count:

1 Page(s)

Report Number(s):

1486

Contract Number:

DA18 064 404CML9

Report Classification:

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:

AD0108931

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF PRECISION SPEED REGULATED DRIVES FOR MOTOR AND
ENGINE ALTERNATOR SETS

Personal Author(s):

KRAUTER,K E

SCHMEIDEL,G S

Report Date:

15 Nov 1955

Media Count:

1 Page(s)

Contract Number:

AF33 616 2877

Report Classification:

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Accession Number:

AD0121925

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Size: 4 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly rept. 1 Aug - 30 Sep 1955

Personal Author(s):

GAALSWYK, ARIE

FITZ, C D

Report Date:

08 Nov 1955

Media Count:

88 Page(s)

Report Number(s):

1474

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-9

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Distribution Statement:

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Administrative/Operational use; 8 Nov 1955. Other requests shall be referred to Chemical Corps Army Chemical Center, MD., Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB956041

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

(U) Improving, Testing and Evaluating an Arctic Trailmarking System.

Descriptive Note:

Final rept. 1 Apr-15 Oct 55,

Personal Author(s):

Franklin,E G

Report Date:

14 Oct 1955

Media Count:

209 Page(s)

Report Number(s):

1464

Contract Number:

DA-44-009-ENG-2560

Report Classification:

Unclassified

Distribution Limitation(s):

04 - DOD ONLY; DOD CONTROLLED

Distribution Statement:

Distribution limited to DoD only; Critical Technology; 17 Apr 84. Other requests must be referred to Commander, USA Belvoir R&D Center, Attn: STRBE-S, Fort Belvoir, VA 22060.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0108890

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF PRECISION SPEED REGULATED DRIVES FOR MOTOR AND ENGINE ALTERNATOR SETS

Personal Author(s):

KRAUTER,K E

SCHMEIDEL,G S

Report Date:

30 Sep 1955

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0121924

Full Text (pdf) Availability:

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File: /UL/121924.pdf

Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly rept 1 June - 31 July 1955

Personal Author(s):

FITZ, C D

GAALSWYK, A

Report Date:

26 Aug 1955

Media Count:

37 Page(s)

Report Number(s):

1450

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-9

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;

Administrative/Operational use; 26 Aug 1955. Other requests shall be referred to

Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0083855

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON BARRIER MATERIALS

Personal Author(s):

ANDERSON, A A

GEAR, E C

Report Date:

15 Aug 1955

Media Count:

1 Page(s)

Contract Number:

AF19 604 1393

Report Classification:

Unclassified

Distribution Limitation(s):

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Size: 4 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING STUDY

Descriptive Note:

Bimonthly rept. 1 Apr-31 May 1955

Personal Author(s):

FITZ, C D

GAALSWYK, A

NASH, J H

MCGILLICUDDY, J

PALM, J D

Report Date:

13 Jul 1955

Media Count:

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1429

XA-CHEMCOR

Contract Number:

DA-18-064-404-CML-9

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Administrative/Operational Use; Jul 1955. Other requests shall be referred to Chemical
Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0072473

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIALS EVALUATION

Personal Author(s):

ANDERSON,A A

POHL,R A

Report Date:

14 Jun 1955

Media Count:

1 Page(s)

Contract Number:

AF19 604 1393

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0112582

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RADIO CONTROL OF ALTITUDE ON FLIGHT 1536

Personal Author(s):

Church,D A

Report Date:

20 May 1955

Media Count:

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Report Number(s):

1408

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0108889

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF PRECISE SPEED REGULATING DRIVES FOR MOTOR AND
ENGINE ALTERNATOR SETS

Personal Author(s):

KRAUTER,K

Report Date:

15 May 1955

Media Count:

1 Page(s)

Contract Number:

AF33 616 2877

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0078411

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) RESEARCH AND DEVELOPMENT OF TRAILMARKING SYSTEM

Personal Author(s):

FRANKLIN,E G

Report Date:

25 Apr 1955

Media Count:

1 Page(s)

Report Number(s):

14131411144714641417

Contract Number:

DA44 009ENG2560

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0121922

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING STUDY

Personal Author(s):

AUFDERHEIDE,C

FITZ,C D

Report Date:

15 Apr 1955

Media Count:

1 Page(s)

Report Number(s):

1399

Contract Number:

DA18 064CML2336

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0081359

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIALS EVALUATION

Descriptive Note:

Technical rept. no. 6, 1 Dec 54-31 Mar 55.

Personal Author(s):

FITZ,C D

POHL,R A

Report Date:

15 Apr 1955

Media Count:

1 Page(s)

Report Number(s):

1400

AFCRL-TN-55-478

Contract Number:

AF 19(604)-718

Monitor Series:

TN-55-478

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0057327

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) STUDY OF ALL WEATHER TRAIL MARKING SYSTEM

Personal Author(s):

FRANKLIN,E G

JACOBSON,M

JONES,S P

Report Date:

10 Apr 1955

Media Count:

1 Page(s)

Report Number(s):

1391

Contract Number:

DA44 009ENG2367

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0082322

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIALS EVALUATION

Personal Author(s):

ANDERSON,A A

FITZ,C D

POHL,R A

Report Date:

31 Mar 1955

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TR55 269

Contract Number:

AF19 604 718

Monitor Series:

TR55 269

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0121921

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FINE GRINDING STUDY
Personal Author(s):
AUFDERHEIDE,C
FITZ,C D
Report Date:
Jan 1955
Media Count:
1 Page(s)
Report Number(s):
1380
Contract Number:
DA18 064CML2336
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0077548
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Personal Author(s):
JARVIS,GEORGE A
FENN,GERALD R
Report Date:
Dec 1954
Media Count:
1 Page(s)
Report Number(s):
1357
Contract Number:
NOAS52 810C
Report Classification:
CONFIDENTIAL
Distribution Limitation(s):
09 - CLASSIFIED

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128238

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /UL/128238.pdf

Size: 3 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Fine Grinding Project. Volume I. Summary Report

Descriptive Note:

Final rept. 15 Dec 1952-30 Nov 1954

Personal Author(s):

Aufderheide, C J

Brandsberg, R D

Fitz, C D

Jones, S P

McKenzie, R J

Report Date:

30 Nov 1954

Media Count:

99 Page(s)

Report Number(s):

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Nov 1954. Other requests shall be referred to
Commanding Officer, Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0059352
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) BALLOON MATERIALS EVALUATION
Personal Author(s):
SHERIDAN,L W
FITZ,C D
JONES,S P
Report Date:
30 Nov 1954
Media Count:
1 Page(s)
Report Number(s):
AFCRL-TN55 290
Contract Number:
AF19 604 718
Monitor Series:
TN55 290
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0128085
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) Fine Grinding Project. Volume V. Theoretical Aspects of Fine Particle Production.
Descriptive Note:
Final rept. 15 Dec 52-30 Nov 54,
Report Date:
Nov 1954
Media Count:
1 Page(s)
Contract Number:
DA-18-064-cml-2336
Report Classification:
Unclassified

Distribution Limitation(s):

03 - U.S. GOVT. ONLY; DOD CONTROLLED

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Distribution limited to U.S. Gov't. agencies only; Test and Evaluation; 24 Aug 81. Other requests for this document must be referred to Commander, Dugway Proving Ground, Attn: Doc. Rev. Bd., Dugway, UT 84022.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128082

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Fine Grinding Project. Volume II. Survey and Evaluation of Commercial Mills.

Descriptive Note:

Final rept. 15 Dec 52-30 Nov 54,

Report Date:

Nov 1954

Media Count:

1 Page(s)

Contract Number:

DA-18-064-cml-2336

Report Classification:

Unclassified

Distribution Limitation(s):

03 - U.S. GOVT. ONLY; DOD CONTROLLED

Distribution Statement:

Distribution limited to U.S. Gov't. agencies only; Test and Evaluation; 24 Aug 81. Other requests for this document must be referred to Commander, Dugway Proving Ground, Attn: Doc. Rev. Bd., Dugway, UT 84022.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128084

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Fine Grinding Project. Volume IV. Material Evaluation.

Descriptive Note:

Final rept. 15 Dec 52-30 Nov 54.

Report Date:

Nov 1954

Media Count:

1 Page(s)

Contract Number:

DA-18-064-cml-2336

Report Classification:

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Distribution Limitation(s):

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Distribution Statement:

Distribution limited to U.S. Gov't. agencies only; Test and Evaluation; 24 Aug 81. Other requests for this document must be referred to Commander, Dugway Proving Ground, Attn: Doc. Rev. Bd., Dugway, UT 84022.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0128083

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Fine Grinding Project. Volume III. Collection and Classification.

Descriptive Note:

Final rept. 15 Dec 52-30 Nov 54,

Report Date:

Nov 1954

Media Count:

1 Page(s)

Contract Number:

DA-18-064-cml-2336

Report Classification:

Unclassified

Distribution Limitation(s):

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Distribution Statement:

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0050802

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIAL EVALUATION

Personal Author(s):

SHERIDAN,L W

Report Date:

31 Aug 1954

Media Count:

1 Page(s)

Report Number(s):

AFCRL-TN54 250

Contract Number:

AF19 604 718

Monitor Series:

TN54 250

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0063876

Full Text (pdf) Availability:

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File: /UL/063876.pdf

Size: 7 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT

Descriptive Note:

Bi-Monthly Progress rept. May-June 1954

Report Date:

15 Jun 1954

Media Count:

149 Page(s)

Report Number(s):

1314

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational use; 15 Jun 1954. Other requests shall be referred to
Chemical Corps Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0052785

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIAL EVALUATION

Personal Author(s):

SHERIDAN,L W

SMITH,J R

Report Date:

31 May 1954

Media Count:

1 Page(s)

Contract Number:

AF19 604 718

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0033893

Full Text (pdf) Availability:

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File: /UL/033893.pdf

Size: 8 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT

Descriptive Note:

Bi-monthly progress rept. 15 Feb-15 Apr 1954

Personal Author(s):

BARKLEY, J E

Report Date:

26 Apr 1954

Media Count:

174 Page(s)

Report Number(s):

1299

XA-ABL/MD

Contract Number:

DA-18-064-CML-2336

Monitor Series:

ABL/MD

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; Apr 1954. Other requests shall be referred to Army
Biological Labs, Fort Detrick, Frederick, MD., Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0123355

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE PARTICLE TECHNOLOGY

Personal Author(s):

KEMLER,E N

Report Date:

Apr 1954

Media Count:

36 Page(s)

Report Number(s):

1288

Contract Number:

DA18 064CML2336

Report Classification:

CONFIDENTIAL

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03 - U.S. GOVT. ONLY; DOD CONTROLLED

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0035310

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIAL EVALUATION

Personal Author(s):

SHERIDAN,L W

Report Date:

01 Apr 1954

Media Count:

1 Page(s)

Report Number(s):

1286

Contract Number:

AF19 604 718

Report Classification:

Unclassified

Distribution Limitation(s):

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Citation Format: FOIA(UL)

Accession Number:

AD0121770

Full Text (pdf) Availability:

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File: /UL/121770.pdf

Size: 5 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT 8-2402

Descriptive Note:

BI-MONTHLY PROGRESS REPT., 15 Dec 1953 - 15 Feb 1954

Personal Author(s):

SOLOWEY, MATHILDE

Report Date:

15 Feb 1954

Media Count:

120 Page(s)

Report Number(s):

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational use; 15 Feb 1954. Other requests shall be referred to
Chemical Corps Army Chemical Center, MD., Availability: Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0028530

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /UL/028530.pdf

Size: 461 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN MECHANICAL DIV

Unclassified Title:

(U) BALLOON MATERIAL EVALUATION

Descriptive Note:

Technical rept. no. 2, 1 Oct-31 Dec 1953

Personal Author(s):

SHERIDAN, L W

Report Date:

31 Dec 1953

Media Count:

15 Page(s)

Report Number(s):

XC-AFCRL

Contract Number:

AF 19(604)-718

Monitor Series:

AFCRL

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 31 DEC 1953. Other requests shall be referred to Air Force Cambridge Research Laboratories, Hanscom AFB, MA. Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0028529

Full Text (pdf) Availability:

[View Full Text \(pdf\)](#)

File: /UL/028529.pdf

Size: 421 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN MECHANICAL DIV

Unclassified Title:

(U) A COMPARATIVE STUDY OF SPECIFICATIONS AND TESTS ON
POLYETHYLENE FILM FOR BALLOON USE

Descriptive Note:

Interim rept. no. 1

Personal Author(s):

SHERIDAN, L W

Report Date:

18 Dec 1953

Media Count:

9 Page(s)

Report Number(s):

1262

XC-AFCRL

Contract Number:

AF 19(604)-718

Monitor Series:

AFCRL

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 18 DEC 1953. Other requests shall be referred to Air
Force Cambridge Research Laboratories, Hanscom AFB, MA.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0025234

Full Text (pdf) Availability:

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File: /UL/025234.pdf

Size: 3 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT

Descriptive Note:

Monthly Progress Rept. 15 Nov-15 Dec 1953

Personal Author(s):

MELTON, D F

Report Date:

15 Dec 1953

Media Count:

70 Page(s)

Report Number(s):

1264

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
Administrative/Operational Use; 15 Dec 1953. Other requests shall be referred to
Commanding Officer, Chemical Corps, Army Chemical Center, MD., Availability:
Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0222557

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING PROJECT

Personal Author(s):

MELTON,D F

Report Date:

25 Nov 1953

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0025376

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) TRANSONIC AND SUPERSONIC TOTAL AND STATIC PRESSURE
MEASUREMENT RESEARCH,

Personal Author(s):

Coon ,K C

Hakomaki ,R L

James,T R

Report Date:

13 Nov 1953

Media Count:

8 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0222558

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING PROJECT

Personal Author(s):

MELTON,D F

Report Date:

23 Oct 1953

Media Count:

1 Page(s)

Report Classification:

Unclassified

Distribution Limitation(s):

02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0021343

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) BALLOON MATERIAL EVALUATION

Personal Author(s):

SHERIDAN,L W

Report Date:

30 Sep 1953

Media Count:

1 Page(s)

Contract Number:

AF19 604 718

Report Classification:

Unclassified

Distribution Limitation(s):

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Accession Number:

AD0222559

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING PROJECT

Personal Author(s):

MELTON,D F

Report Date:

23 Sep 1953

Media Count:

1 Page(s)

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0025235

Full Text (pdf) Availability:

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File: /UL/025235.pdf

Size: 9 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) PARTICLE SIZE TECHNOLOGY

Personal Author(s):

Kemler, E N

LaJoy, M H

Kemler, Jr, E N

Report Date:

09 Sep 1953

Media Count:

203 Page(s)

Report Number(s):

1233

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

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02 - U.S. GOVT. AND THEIR CONTRACTORS

23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE

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Administrative/Operational Use; 09 SEP 1953. Other requests shall be referred to Chemical Corps Army Chemical Center, MD. Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0222560

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FINE GRINDING PROJECT
Personal Author(s):
MELTON,D F
Report Date:
22 Aug 1953
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0022860
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) BALLOON MATERIAL SPECIFICATIONS POLYETHYLENE FILM
Personal Author(s):
SHERIDAN,L W
Report Date:
12 Aug 1953
Media Count:
1 Page(s)
Report Number(s):
1222
Contract Number:
AF19 604 718
Report Classification:
Unclassified
Distribution Limitation(s):
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Accession Number:
AD0222561
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FINE GRINDING PROJECT
Personal Author(s):
MELTON,D F
Report Date:
24 Jul 1953
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

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Citation Format: FOIA(UL)

Accession Number:
AD0222567
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FINE GRINDING PROJECT
Personal Author(s):
MELTON,D F
Report Date:
24 Jun 1953
Media Count:
1 Page(s)
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

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Accession Number:
AD0222568

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) FINE GRINDING PROJECT
Personal Author(s):
MELTON,D F
Report Date:
20 May 1953
Media Count:
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Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0025425
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) SURVEY OF TECHNICAL LITERATURE ON GRINDING AND SEPARATION
Personal Author(s):
KEMLER,E N
LAJOY,M H
Report Date:
15 May 1953
Media Count:
1 Page(s)
Report Number(s):
1191
Contract Number:
DA18 064CML2336
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0025426
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) PATENT SURVEY ON SEPARATION AND CLASSIFICATION
Personal Author(s):
KEMLER,E N
Report Date:
05 May 1953
Media Count:
1 Page(s)
Report Number(s):
1187
Contract Number:
DA18 064CML2336
Report Classification:
Unclassified
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0025334
Full Text (pdf) Availability:
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File: /UL/025334.pdf
Size: 18 MB
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title:
(U) PATENT SURVEY OF FINE GRINDING TECHNOLOGY
Personal Author(s):
KEMLER, E N
Report Date:
15 Apr 1953
Media Count:
321 Page(s)
Report Number(s):
1181
XA-CHEMCOR
Contract Number:

DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

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02 - U.S. GOVT. AND THEIR CONTRACTORS

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Commanding Officer, Chemical Corps, Army Chemical Center, MD., Availability:
Document partially illegible.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0009604

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) FINE GRINDING PROJECT

Personal Author(s):

MELTON,D F

Report Date:

15 Apr 1953

Media Count:

1 Page(s)

Report Number(s):

1186

Contract Number:

DA18 064CML2336

Report Classification:

Unclassified

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Technical Reports Collection

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AD0008552

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File: /UL/008552.pdf

Size: 629 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) PROGRESS REPT. FOR MARCH 1953

Personal Author(s):

SANDGREN,MARVIN A

Report Date:

01 Apr 1953

Media Count:

8 Page(s)

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1183

Contract Number:

DA18 064CML2104

Report Classification:

Unclassified

Distribution Limitation(s):

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0000951

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Fine Grinding Project.

Descriptive Note:

Monthly progress rept. 15 Feb-15 Mar 53.

Report Date:

20 Mar 1953

Media Count:

51 Page(s)

Report Number(s):

1180

Contract Number:

DA18 064CML2336

Report Classification:

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Distribution Limitation(s):

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AD0004938

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File: /UL/004938.pdf

Size: 172 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Progress Report for February 1953

Personal Author(s):

SANDGREN, MARVIN

Report Date:

04 Mar 1953

Media Count:

6 Page(s)

Report Number(s):

1177

XA-CHEMCOR

Contract Number:

DA-18-064-CML-2104

Monitor Series:

CHEMCOR

Report Classification:

Unclassified

Distribution Limitation(s):

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Distribution Statement:

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Rev. Bd., Dugway, UT 84022.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0006094

Full Text (pdf) Availability:

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File: /UL/006094.pdf

Size: 1 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT

Descriptive Note:

Monthly progress rept. 15 Jan-15 Feb 1953

Personal Author(s):

Melton, D F

McKenzie, R J

Nash, J H

Report Date:

03 Mar 1953

Media Count:

26 Page(s)

Report Number(s):

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XA-CHEMCOR

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DA-18-064-CML-2336

Monitor Series:

CHEMCOR

Report Classification:

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Distribution Limitation(s):

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Distribution Statement:

Distribution authorized to U.S. Gov't. agencies and their contractors;
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Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0006879

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) EVALUATION OF THE GONDOLA TEMPERATURE PROBLEM AS OF 24
MARCH 1953

Personal Author(s):

MOORE, C B

DICK, WILLARD

Report Date:

Mar 1953

Media Count:

1 Page(s)

Report Number(s):

1182

Contract Number:

DA18 064CML2104

Report Classification:

Unclassified

Distribution Limitation(s):

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Citation Format: FOIA(UL)

Accession Number:

AD0006093

Full Text (pdf) Availability:

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File: /UL/006093.pdf

Size: 735 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) FINE GRINDING PROJECT

Descriptive Note:

Monthly progress rept. 15 Dec 1952-15 Jan 1953

Personal Author(s):

MELTON, D F

Report Date:

27 Feb 1953

Media Count:

14 Page(s)

Report Number(s):

1176
XA-ABL/MD
Contract Number:
DA-18-064-CML-2336
Monitor Series:
ABL/MD
Report Classification:
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Distribution Limitation(s):
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Distribution Statement:
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Administrative/Operational Use; 27 Feb 1953. Other requests shall be referred to
Commander, Army Biological Labs, Fort Detrick, MD.

Technical Reports Collection

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Accession Number:
AD0008551
Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN
Unclassified Title:
(U) PROGRESS REPT FOR JANUARY 1953
Personal Author(s):
SANDGREN,MARVIN
Report Date:
03 Feb 1953
Media Count:
6 Page(s)
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1171
Contract Number:
DA18 064CML2104
Report Classification:
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Attn: Doc. Rev. Bd., Dugway, UT 84022.

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Citation Format: FOIA(UL)

Accession Number:

AD0077549

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Personal Author(s):

JARVIS,GEORGE A

UPTON,JAMES E

Report Date:

Feb 1953

Media Count:

1 Page(s)

Report Number(s):

1173 A

Contract Number:

NOAS52 810C

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

09 - CLASSIFIED

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Citation Format: FOIA(UL)

Accession Number:

AD0007263

Full Text (pdf) Availability:

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File: /UL/007263.pdf

Size: 529 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Chemical-heater, and Munition Drop tests

Descriptive Note:

Progress rept., Dec 1952

Personal Author(s):

SANDGREN, MARVIN

Report Date:

14 Jan 1953

Media Count:

17 Page(s)

Report Number(s):

1166

XA-ABL/MD

Contract Number:

DA-18-064-CML-2104

Monitor Series:

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Report Classification:

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Distribution Limitation(s):

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Other requests shall be referred to Army West Desert Test Center, Dugway Proving Ground, UT. Document partially illegible.

Technical Reports Collection

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Accession Number:

AD0002338

Full Text (pdf) Availability:

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File: /UL/002338.pdf

Size: 450 KB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Progress Report for November 1952

Personal Author(s):

SANDGREN, MARVIN A

Report Date:

05 Dec 1952

Media Count:

12 Page(s)

Report Number(s):

1158

XA-ABL/MD

Contract Number:

DA-18-064-CML-2104

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Report Classification:

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Distribution Limitation(s):

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0077550

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Personal Author(s):

JARVIS,GEORGE A

UPTON,JAMES E

Report Date:

Sep 1952

Media Count:

1 Page(s)

Report Number(s):

1131

Contract Number:

NOAS52 810C

Report Classification:

CONFIDENTIAL

Distribution Limitation(s):

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Accession Number:

AD0003411

Full Text (pdf) Availability:

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File: /UL/003411.pdf

Size: 5 MB

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) EVALUATION OF BALLOON MATERIALS

Personal Author(s):

FREEMAN, A J

Report Date:

12 Jun 1952

Media Count:

74 Page(s)

Report Number(s):

XC-USAF

Contract Number:

AF 33(600)-6298

Monitor Series:

USAF

Report Classification:

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Distribution Limitation(s):

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Distribution Statement:

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Department of the Air Force, Attn: Public Affairs Office, Washington, DC 20330.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0006789

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) METEOROLOGICAL REQUIREMENTS OF A BALLOON DELIVERY
SYSTEM. PART I. BALLOON TRAJECTORY FORECASTING, OPERATIONAL
REQUIREMENTS AND CONSIDERATIONS

Personal Author(s):

GAALSWYK,A

Report Date:

Apr 1952

Media Count:

1 Page(s)

Report Number(s):

1072

Contract Number:

N9ONR25209

Report Classification:

Unclassified

Distribution Limitation(s):

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

ADB802277

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) Telemetry and Tracking Studies Related to a Balloon Delivery System -
Appendices 1 thru 4,

Personal Author(s):

Mellen, Glenn L

Smith, J R

Report Date:

31 Mar 1952

Media Count:

157 Page(s)

Report Number(s):

1074

XB-XD

Contract Number:

N6onr-25209

Monitor Series:

XD

Report Classification:

Unclassified

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CENTER, DTIC-BCS, 8725 JOHN J KINGMAN RD., FT. BELVOIR, VA 22060-6218

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0003413

Full Text (pdf) Availability:[View Full Text \(pdf\)](#)**File:** /UL/003413.pdf**Size:** 710 KB**Corporate Author:**

GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) EVALUATION OF BALLOON MATERIALS

Personal Author(s):

FREEMAN, A J

Report Date:

26 Mar 1952

Media Count:

12 Page(s)

Report Number(s):

XC-USAF

Contract Number:

AF 33(600)-6298

Monitor Series:

USAF

Report Classification:

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0003412

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GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

(U) EVALUATION OF MATERIALS FOR BALLOON FABRICATION

Personal Author(s):

FREEMAN, A J

Report Date:

01 Dec 1951

Media Count:

36 Page(s)

Report Number(s):

C/R-51-59

XC-USAF

Contract Number:

AF 33(600)-6298

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Report Classification:

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Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:

AD0134611

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MINN

Unclassified Title:

(U) SURVEY OF PARACHUTE PROBLEM IN CONNECTION WITH THE RECOVERY OF THE STRATOSPHERE GONDOLA

Personal Author(s):

WINZEN, O C

Report Date:

06 Jun 1947

Media Count:

1 Page(s)

Contract Number:

N6ONR25200

Report Classification:

Unclassified

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Accession Number:

ADC800376

Corporate Author:

GENERAL MILLS INC MINNEAPOLIS MN

Personal Author(s):

Skinner, B

Kuphal, E

Long, G

Christopherson, P

Boekelheide, I

Report Date:

21 Feb 1944

Media Count:

38 Page(s)

Report Number(s):

XC-AMC-AF

Contract Number:

OEMSR-1068

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AMC-AF

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