Description of document: Defense Technical Information Center (DTIC) (computer generated) bibliography of Technical Reports where corporate author = GENERAL MILLS

Requested date: 22-January-2010

Released date: 08-March-2010

Posted date: 03-May-2010

Title of document Highest Classification: UNCLASSIFIED, DTIC Bibliography, Technical Reports Collection, Citation Format: FOIA(U2)

Source of document: Defense Technical Information Center (DTIC-R) ATTN: FOIA Requester Service Center 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

The governmentattic.org web site (“the site”) is noncommercial and free to the public. The site and materials made available on the site, such as this file, are for reference only. The governmentattic.org web site and its principals have made every effort to make this information as complete and as accurate as possible, however, there may be mistakes and omissions, both typographical and in content. The governmentattic.org web site and its principals shall have neither liability nor responsibility to any person or entity with respect to any loss or damage caused, or alleged to have been caused, directly or indirectly, by the information provided on the governmentattic.org web site or in this file. The public records published on the site were obtained from government agencies using proper legal channels. Each document is identified as to the source. Any concerns about the contents of the site should be directed to the agency originating the document in question. GovernmentAttic.org is not responsible for the contents of documents published on the website.
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...
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
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
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)
(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)
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
(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:
Nonr158915

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:
DETERMINATION OF THE SHAPE OF A FREE BALLOON. THEORETICAL DEVELOPMENT

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
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 microamps 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 mhe 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
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 tropical westerlies.
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:
(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
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
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
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 results 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. Friction vapor pressure to a minimum value at 200-300 microns Hg. The coefficient was independent of load in the 200-400 mg range. (Author)
The feasibility of a one-can, delayed action foaming system was successfully demonstrated. A literary search revealed that polyisocyanates may react with organic isocyanates to produce heat-sensitive adducts. These adducts yield 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 tert-butyl alcohol were the most attractive for use as blocking agents in delayed-action foaming systems. Two stable, one-can, delayed-action systems were developed. A rigid, delayed-action system utilized tert-butyl 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 table at room temperature. Heated above 170°C, it produced a rigid foam. A flexible, delayed-action system was developed which utilized p-nonylphenol to completely block a fully cured totpolymer. This system, heated above 170°C, produced a fully cured, flexible polyurethane foam. (Author)
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
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
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:
(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:
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
Abstract:
(U) A new semiconducting crystalline compound Bi$_8$Te$_7$S$_5$, or gemilide, was prepared. The material is characterized by rhombohedral R$_3$m 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 Bi$_8$Te$_7$S$_5$ 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.

Technical Reports Collection

Citation Format: FOIA(U2)
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:
(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
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
Abstract Classification:
Unclassified

Technical Reports Collection

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:
CONFIRMS THE PICTURE OF PRIOR YEARS. THE FALL REVERSAL OCCURS 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
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

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
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
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
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
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

Accession Number: AD0159636
Corporate Author: GENERAL MILLS INC MINNEAPOLIS MN
Unclassified Title: (U) SPOTTERING YIELDS
Descriptive Note: Final rept.
Personal Author(s): WEHNER, GOTTFRIED K
Report Date: 30 Apr 1958
Media Count: 1 Page(s)
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)

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)
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
Unclassified Title: (U) PROJECT SKYHOOK

Personal Author(s): MAUTNER, R F
                   MERRELL, C P

Report Date: 19 Jul 1955

Media Count: 1 Page(s)

Unclassified Title: (U) STUDY OF THE FEASIBILITY OF USING PLASTIC BALLOONS TO CARRY AN ARRAY OF LOADS AT AN ALTITUDE OF 100,000 FEET
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.
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 Uri: 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
(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):
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: 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
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: AD0425914
Full Text (pdf) Availability: View Full Text (pdf)
File: /UL/425914.pdf
Size: 4 MB
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
Contract Number: DA-18-108-AMC-214(A)
Monitor Series: EA
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; 27 NOV 1963. Other requests shall be referred to Army 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.
Accession Number: AD0419056
Full Text (pdf) Availability: View Full Text (pdf)
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
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; 27 SEP 1963. Other requests shall be referred to U.S. Army Edgewood Arsenal, MD.

Technical Reports Collection

Accession Number: AD0419451
Full Text (pdf) Availability: View Full Text (pdf)
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:
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

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.
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
Monitor Series: TPMR-63-2
Report Classification: Unclassified
Distribution Limitation(s): 02 - U.S. GOVT. AND THEIR CONTRACTORS

***DTIC DOES NOT HAVE THIS ITEM***
Accession Number: AD0288249
Corporate Author: GENERAL MILLS INC MINNEAPOLIS MN
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
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
Contract Number: DA-18-064-CML-2745
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): 02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection
Citation Format: FOIA(UL)

Accession Number: AD0281923
Full Text (pdf) Availability: View Full Text (pdf)
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
(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
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:
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

Technical Reports Collection
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-AB/LMD
Contract Number:
DA-18-064-CML-2745
Monitor Series:
ABL/MD
Report Classification:
CONFIDENTIAL
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; 06 SEP 2006. Other requests shall be referred to Army

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):
Technical Reports Collection

Citation Format: FOIA(UL)

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
Distribution Limitation(s): 02 - U.S. GOVT. AND THEIR CONTRACTORS
Distribution Statement:
RESEARCH ON THE EFFECTS OF COLLISIONS OF SMALL PARTICLES WITH BODIES MOVING AT HYPERSONIC SPEED. PART III. EROSION AND HEAT TRANSFER EFFECTS
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):
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: 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.
Report Date: 
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: 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:
ADB956282

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MINN MECHANICAL DIV

Unclassified Title:

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
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
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

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,
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
FUNDAMENTAL STUDIES OF RADIATION SOURCE DOSIMETRY AND THE EFFECTS OF IONIZING RADIATION ON SUGARS

ANDREWS, J S

31 Dec 1958

ELECTRON MIRROR MICROSCOPY IN MAGNETIC AND METALLURGICAL STUDIES

MA YER, LUDWIG J

31 Dec 1958
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
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 HURRICOOON
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
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):
Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0152616

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN

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:
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

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:
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
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: ADO135400
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):
09 - CLASSIFIED

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

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 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:
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:
View Full Text (pdf)
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

Technical Reports Collection
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
MORFIT,T,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
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:
(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:
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:
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):
09 - CLASSIFIED

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

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0222566
Full Text (pdf) Availability:
View Full Text (pdf)
File: /UL/222566.pdf
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:
48 Page(s)

Final technical rept. 1 Feb-1 Sep 56,

Krauter, K

01 Nov 1956

129 Page(s)

1618

DA-44-009-eng-2800

Unclassified

DOD ONLY; DOD CONTROLLED

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
Distribution Limitation(s): 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

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

Technical Reports Collection

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): 09 - CLASSIFIED

Technical Reports Collection
AIRCRAFT SECURITY ALARM STUDY

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

NASH, J. H.

25 Jun 1956

306 Page(s)

1553

RADC-TR-56-91

AF30 602 1421

TR-56-91

Unclassified

Technical Reports Collection

Citation Format: FOIA(UL)
Technical Reports Collection

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

Technical Reports Collection

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)
(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

Technical Reports Collection

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:
Unclassified

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

Citation Format: FOIA(UL)

Accession Number:
AD0222562

Full Text (pdf) Availability:
View Full Text (pdf)
File: /UL/222562.pdf
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:
56 Page(s)

Report Number(s):
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:
Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; Feb 1956. Other requests shall be referred to Commanding Officer, Chemical Corps, Army Chemical Center, MD.
Technological Innovation and Implementation: Final Report

Descriptive Note:
Bimonthly rep. 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

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; 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

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

Accession Number:
AD0121924

Full Text (pdf) Availability:
View Full Text (pdf)
Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0083855

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN

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):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0121923

Full Text (pdf) Availability:
View Full Text (pdf)
File: /UL/121923.pdf
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:
75 Page(s)

Report Number(s):
1429
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; 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:
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)
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:
AD0128082

Corporate Author:
GENERAL MILLS INC MINNEAPOLIS MN

Unclassified Title:

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:
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:
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):
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.
Citation Format: FOIA(UL)

Accession Number:
AD0033893

Full Text (pdf) Availability:
View Full Text (pdf)

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

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
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
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS
23 - AVAILABILITY: DOCUMENT PARTIALLY ILLEGIBLE
Distribution Statement:
Distribution authorized to U.S. Govt. 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
Acquisition 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

Acquisition 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):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

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)

Report Classification:
Unclassified

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

Citation Format: FOIA(UL)

Accession Number:
AD0025235

Full Text (pdf) Availability:
View Full Text (pdf)
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:
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; 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:
20 May 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:
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)
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 Apr 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:
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
Distribution Limitation(s):
02 - U.S. GOVT. AND THEIR CONTRACTORS

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0004938

Full Text (pdf) Availability:
View Full Text (pdf)

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

Distribution Statement:
Distribution authorized to U.S. Gov't. agencies only; Test and Evaluation; 24 AUG 1981.
Other requests shall be referred to Commander, Dugway Proving Ground, Attn: Doc.
Rev. Bd., Dugway, UT 84022.
Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0006094

Full Text (pdf) Availability:
View Full Text (pdf)
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):
1178
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; 03 MAR 1953. Other requests shall be referred to
Chemical Corps, Army Chemical Center, MD.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
Technical Reports Collection

Citation Format: FOIA(UL)

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)

Report Number(s):
1171

Contract Number:
DA18 064CML2104

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: 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

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number: AD0007263
Full Text (pdf) Availability: View Full Text (pdf)
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:
Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0002338

Full Text (pdf) Availability:
View Full Text (pdf)
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

Monitor Series:
ABL/MD
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:
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; 12 JUN 1952. Other requests shall be referred to 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:
(U) EVALUATION OF BALLOON MATERIALS

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:
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 MAR 1952. Other requests shall be referred to Department of the Air Force, Attn: Public Affairs Office, Washington, DC 20330.

Technical Reports Collection

Citation Format: FOIA(UL)

Accession Number:
AD0003412

Full Text (pdf) Availability:
View Full Text (pdf)

File: /UL/003412.pdf

Size: 1 MB

Corporate Author:
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
Contract Number: AF 33(600)-6298
Monitor Series: USAF
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; 01 DEC 1951. Other requests shall be referred to Department of the Air Force, Attn: Public Affairs Office, Washington, DC 20330.

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