

SECRET/NOFORN

PROJECT SUN STREAK

WARNING NOTICE: INTELLIGENCE SOURCES AND METHODS INVOLVED

PROJECT NUMBER: 8907

SESSION NUMBER: 6

DATE OF SESSION: 890315

DATE OF REPORT: 890320

START: 1200

END: 1230

METHODOLOGY: CRV

VIEWER IDENTIFIER: 003

1. (S/NF/SK) MISSION: Access and describe the target building and any activities inside. Determine if there is any developmental activity of specific interest. If so, describe the activity, its nature and purpose.
2. (S/NF/SK) VIEWER TASKING: The viewer was given the cue "access and describe the developmental activity of interest." He started in stage 4. Then he was given maps of the USSR and told to identify "where the developmental activity was taking place."
3. (S/NF/SK) COMMENTS: Using the map of the USSR (attached) 003 located the developmental activity as taking place in the north (see highlighted spot). He said he felt better about yesterday's initial results than today's, so he was given an enlarged map of the Kiyev area. He located the activity as taking place on the coast of the Kremenchugskoye Reservoir at a point closest to Obolon, USSR. Additional information concerning the material used in the developmental activity was also obtained.
4. EVALUATION:

Referral Review by NIMA/DoD

HANDLE VIA SKEET CHANNELS ONLY  
SPECIAL ACCESS REQUIRED

SECRET/NOFORN

CLASSIFIED BY: DIA (DT)  
DECLASSIFY ON: OADR

SECRET

Working paper

Proj. no: 8807  
Date: 15 March 1988  
Viewer: 003  
Session: 006

Summary of Information

There is a material involved here that is black, gray, smooth, rigid-yet-flexible, light weight, of high quality, ADL/S of "kevlar." At the molecular level it is composed of several large atoms, surrounded by perhaps three sets of symmetrically arranged smaller atoms, approximately nine in number. The large atoms with their attendant symmetrical groupings of smaller atoms are bound together in an asymmetrical, variously arrangeable pattern. The material that this new material replaces was very much like thin aluminum--it was light and strong, but less than satisfactory because it bent or creased easily, and had insufficient rigidity. Smaller pieces had to be fastened together to make a complete form. The newer material has fewer seams, can be extruded in larger forms, or even in unitary components.

Handle Via SKEET Channels Only

SECRET

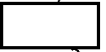
*Kevlar is a composite laminate composite carbon based material*

SG1J



*15F March 80*

*Ft. Meade, MD*



*1200*

SG1J

54

D

A/S

material

class  
Jey

flexible

insert

resid

light

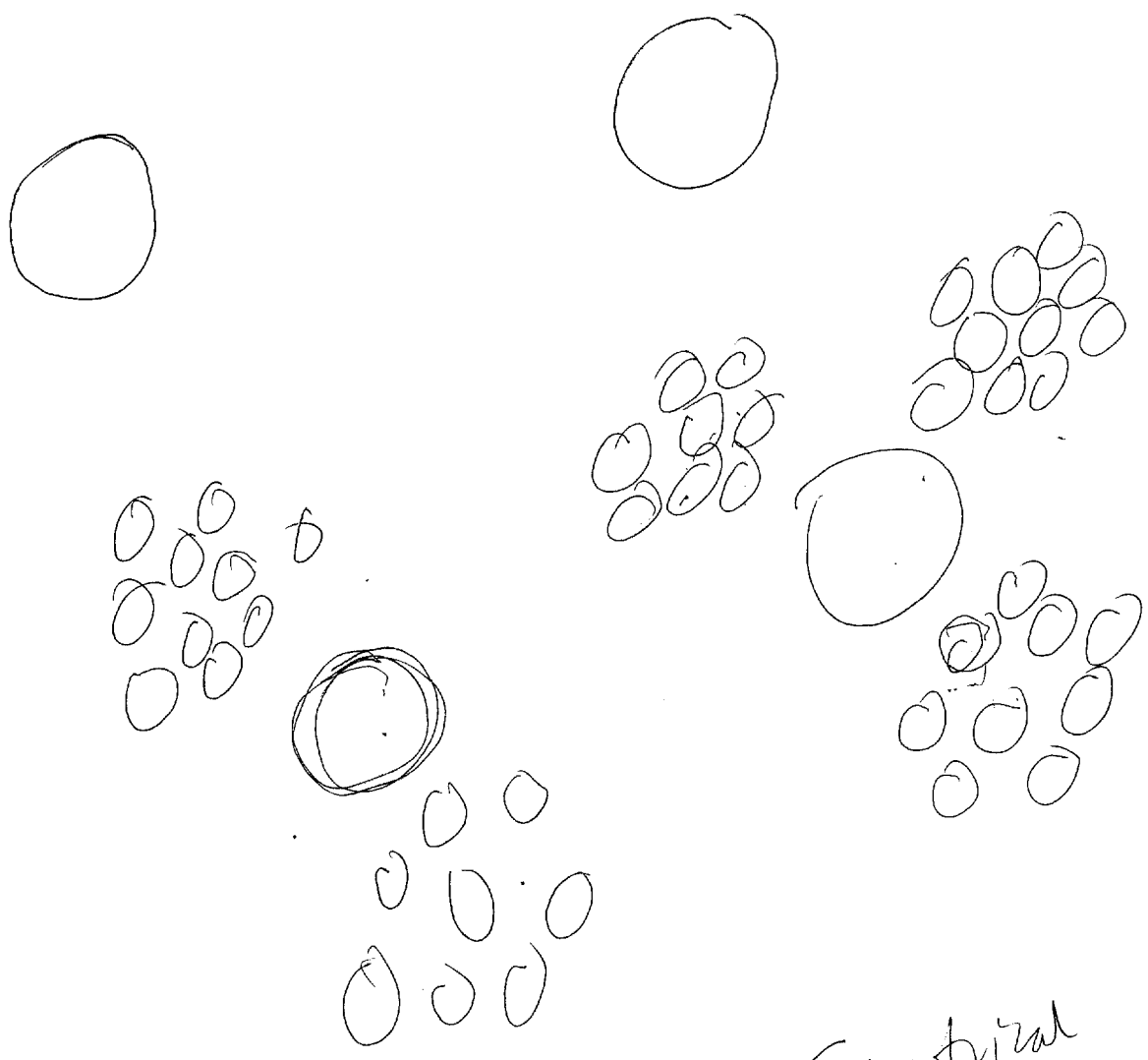
A/S  
"Like"  
Kevlar

quality

A/Bk  
series of  
sub-factories

polymer

fluores



Symmetrical  
 Small clumps of stars  
 converge around  
 each of big one, and  
 all are bound together

Big ones combine in  
 Asymmetrical pattern

AR #15

precursor material

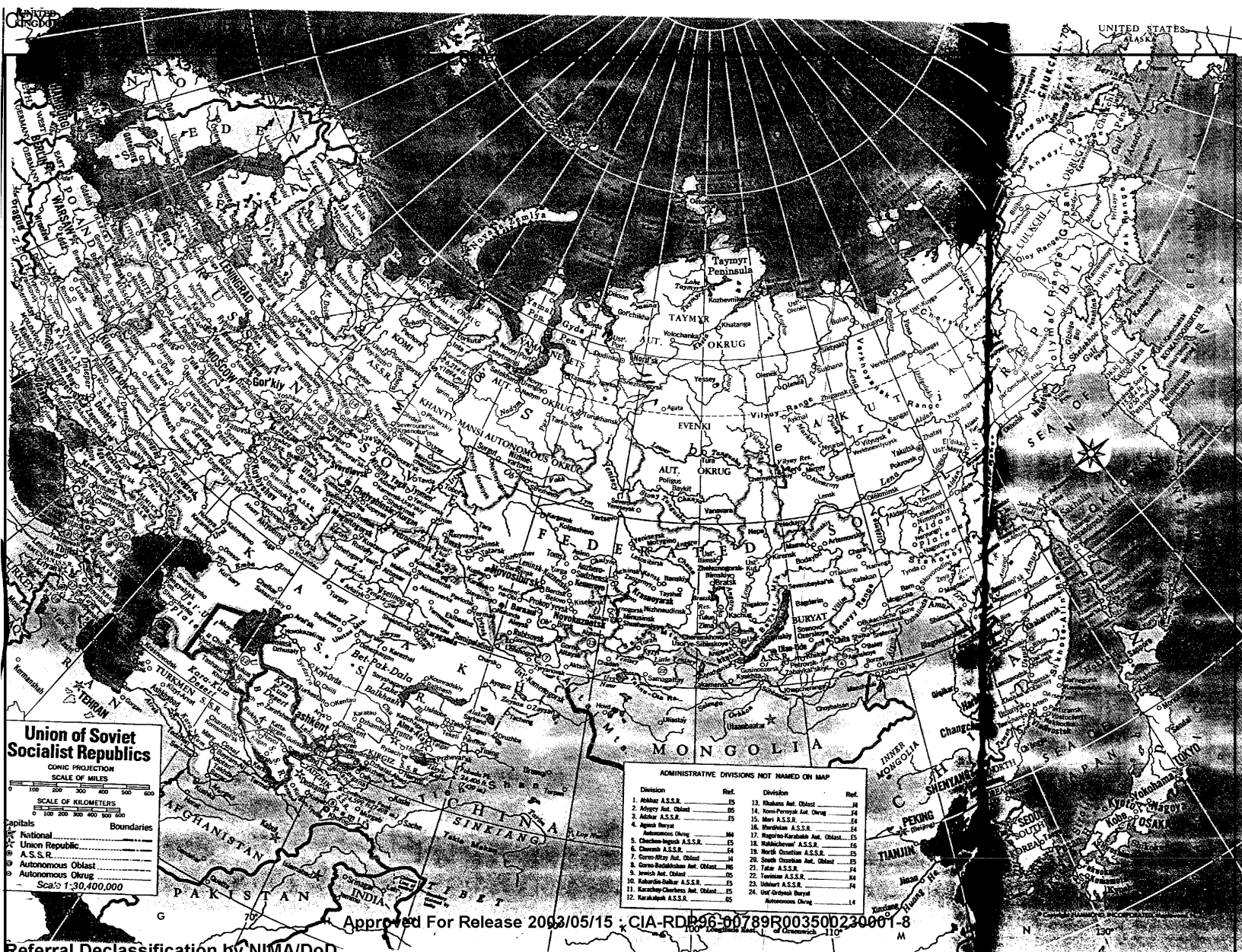
thin light

deformable

MS "like" a light metal sheet is flexible, but tends to retain shapes forced upon it ("creases")

Flexed over a framework. Produced flat for shape, then flexed - - - Some pieces come already curved to form 1/2 sections. Smaller than new material is used in therefore more seams & weaknesses in structural integrity. New process of production of material involves extrusion

~~is~~ somewhat.



**Union of Soviet Socialist Republics**  
 CONIC PROJECTION  
 SCALE OF MILES  
 0 100 200 300 400 500 600  
 SCALE OF KILOMETERS  
 0 100 200 300 400 500 600  
 Capitals  
 National Boundaries  
 Union Republic  
 A.S.S.R.  
 Autonomous Oblast  
 Autonomous Okrug  
 Scale 1:30,400,000

ADMINISTRATIVE DIVISIONS NOT NAMED ON MAP

Division	Ref.	Division	Ref.
1. Sakha A.S.S.R.	15	12. Khakassia Aut. Oblast	14
2. Noyeysk Aut. Oblast	10	13. Non-Ferrous Met. Okrug	14
3. Adygey A.S.S.R.	15	14. Mari A.S.S.R.	14
4. Aginsk Buruyt Autonomous Okrug	14	15. Mordovian A.S.S.R.	14
5. Chechen-Ingush A.S.S.R.	15	16. North Ossetian A.S.S.R.	15
6. Dagestan A.S.S.R.	15	17. Republic of Karabakh Aut. Oblast	15
7. Gorno-Altay Aut. Oblast	14	18. Kabardinian A.S.S.R.	15
8. Gorno-Baldzhikhan Aut. Oblast	16	19. North Ossetian A.S.S.R.	15
9. Jewish Aut. Oblast	15	20. South Ossetian Aut. Oblast	15
10. Kabardin-Balkar A.S.S.R.	15	21. Tatar A.S.S.R.	14
11. Karachay-Cherkess Aut. Oblast	15	22. Tatarstan A.S.S.R.	14
12. Karakum A.S.S.R.	10	23. Uzbek A.S.S.R.	14
		24. Ust-Ordyynskiy Buruyt Autonomous Okrug	14

Approved For Release 2003/05/15 : CIA-RDP86-00789R003500230001-8

Referral Declassification by NIMA/DoD