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TCS 2225/64-KH
M/EB 268/64
25 May 1964
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MEMORANDUM FOR: Chief, Ballistic Missiles and Space Division, OSI

ATTENTION: [REDACTED] 25X1A

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Photographic Analysis of Various Static Test Areas, USSR

REFERENCES: (a) Requirement C-SI-4-80,942
(b) CIA/PID Project C 84-64

1. This memorandum is in response to your requirement dated 7 January 1964 which requests: (a) Orientation sketch of Voronezh Static Test Facility showing location and dimensions of new cells, "crane", new large building, and depth of "flame bucket" and height of "crane." (b) Sketch with dimensions of test stands at Kurumoch Static Test Facility. (c) Sketch with dimensions of Krasnoyarsk Static Test Facility showing new test stand and possible component stand. (d) Sketch and dimensions of rocket blast marks noted at Voronezh, Dnepropetrovsk and Kurumoch on Mission [REDACTED]

25X1D

2. All photography through KEYHOLE [REDACTED] was analysed for this project. All measurements given were either directly from TID (NPIC) or made with the use of scales provided by TID (NPIC).

25X1D

a. Voronezh. The "new cells" (Item 1, Figure 1) must be considered only possible due to poor quality photography. The reported blast mark at this structure must also be considered possible since there may be a building or revetment which, in this area, cast a shadow of this shape. The dimensions of the possible "new cells" are approximately 170 by 70 feet. A structure (Item 2, Figure 1) apparent at the edge of the ravine has considerable height and can be identified as a verticle test stand. Poor quality photography precludes identification of a "crane" in this area. No "flame bucket" can be identified. The "new" large building (Item 3, Figure 1), approximately 200 feet square, was present in [REDACTED] Portions of the building are very indistinct indicating the possibility that there may be two separate structures instead of one. Poor quality photography prohibits the determination of heights of any structures within the facility.

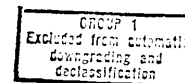
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b. Kurumoch. Accurate sketches of the test stands reported on KEYHOLE Mission [REDACTED] could not be made. Figure 2 is a line drawing showing

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Declassification Review by NIMA/DOD

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their position in relationship with the original verticle test stand (Item 1). Some of the smaller buildings and less prominent roads have been omitted from the drawing. Since the images are small and indistinct on KH-4 photography, no meaningful comparison sketches were made of the test stands. The cronology of the stands remains as indicated in previous reports.

c. Krasnoyarsk. Careful examination of all coverages of this facility indicates that there is no "new" test stand. The verticle test stand and its associated control building observed on Mission [REDACTED] are the same structures as those reported on previous missions. The possible components test building lies approximately 800 feet southwest of the verticle stand near the base of the ravine. 25X1D

d. Figures 3 and 4 show the blast marks at Voronezh, Dnepropetrovsk, and Kurumoch as they were found on KEYHOLE Mission [REDACTED] 25X1D

3. The photo analyst on this project is [REDACTED] who may be contacted on extension 2079 should you have any further questions concerning this project. 25X1A

4. This project is considered to be c [REDACTED]

Enclosures:

Four (4) line drawings
(CIA/PID/MEB-P-444/64 thru
P-447/64)

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Voronezh Static Test Facility
Construction Chronology

500' 1000'

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Figure 1

- +— Road
- +— Railroad
- Wall
- +— Fence
- ++++ Revetment



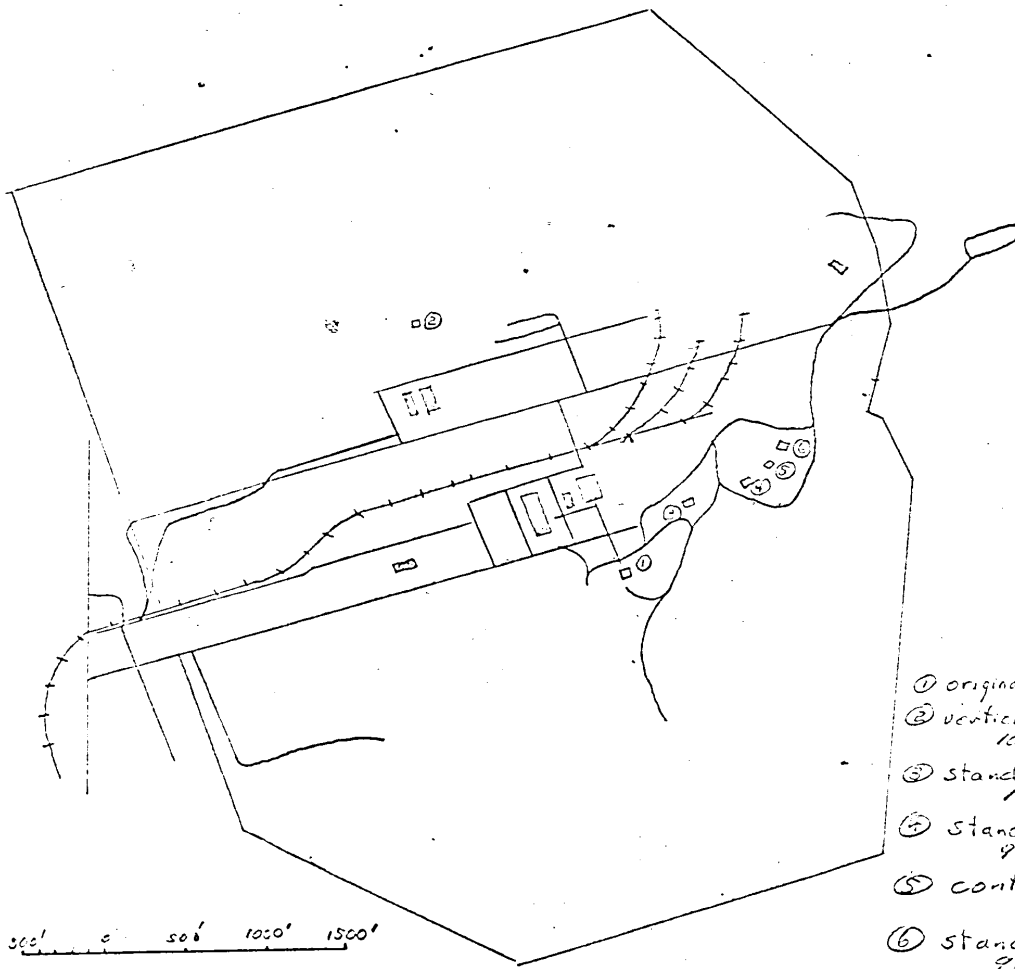
- ① Possible "New Cells"
 - ② Vehicle stand
 - ③ "New Bldg."
- CEA/PID/STB-P-444/64

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MURAMUCHI STATIC TEST FACILITY



- ① original vehicle stand
- ② vehicle stand in pit
100' x 100' x 150' high
- ③ stand on edge of ravine
100' x 40' x 40' high
- ④ stand on edge of ravine
90' x 40' x 40' high
- ⑤ control bldg
- ⑥ stand on edge of ravine
90' x 40' x 40' high

500' 1000' 1500'

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CIA/PID/REF-P-445/64

Figure 2

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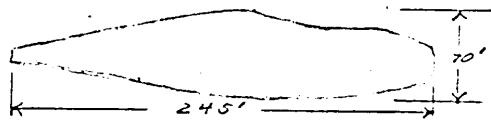
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BLAST MARKS

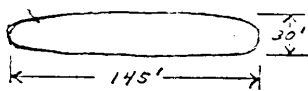
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Voronezh

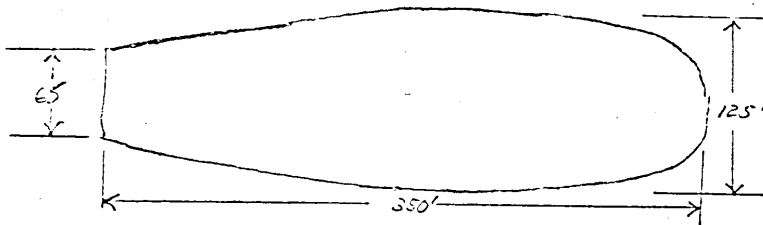


At original test cells

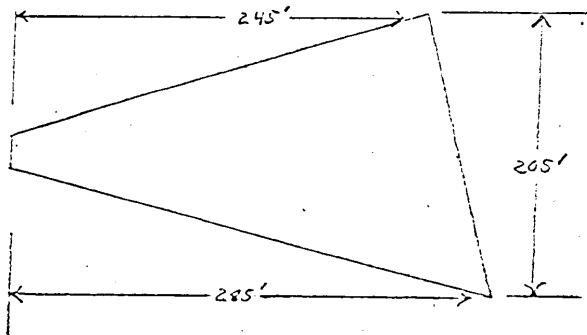


At possible "new" test cells
(Item 1 Figure 1)

Dnepropetrovsk



Stand 2



stand 3

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Figure 3

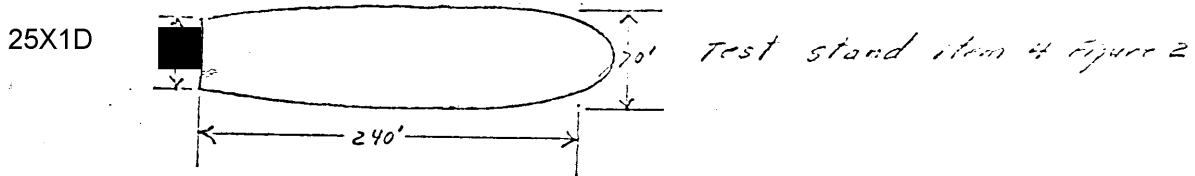
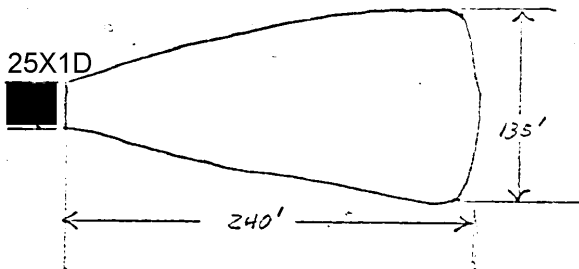
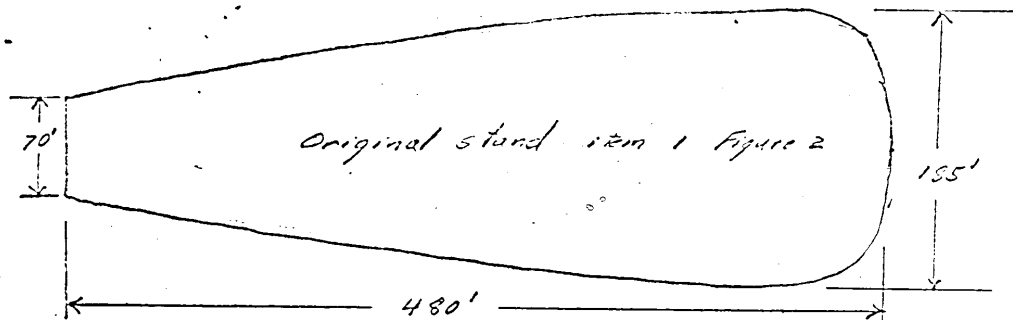
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BLAST MARKS

Kurumoch



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Figure 4

CIA/PID/REF-P-1047/C4

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