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PHOTOGRAPHIC INTERPRETATION REPORT





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PHOTOGRAPHIC INTERPRETATION REPORT

SA-2 SAM SITES WITH LARGE REVETMENTS

OCTOBER 1965

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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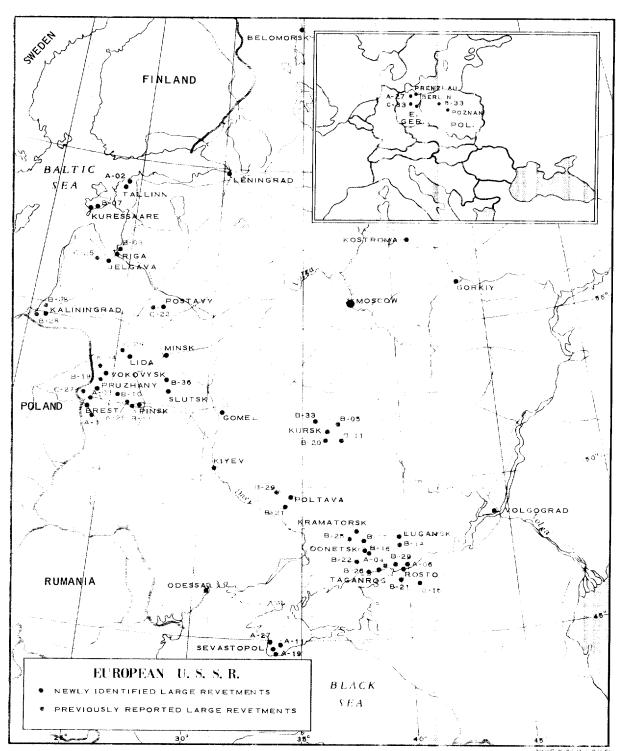


FIGURE 1. LOCATION OF SA-2 SAM SITES WITH LARGE REVETMENTS.

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INTRODUCTION

This report presents an analysis of the large associated revetments at a number of SA-2 SAM sites. In addition to the sites previously reported on, 1-7/26 sites have been identified which have them: 23 in the USSR, and 1 in Poland (Figure 1).

25X6

25X6

The revetments are of various sizes and shapes and their locations vary, some being as close to the center of the launch area as 350 feet and others as far away as 800 feet. In most cases the revetments were complete when the site was first identified on aerial photog-

raphy, and no major changes were apparent in the support areas of the sites during the period between their initial identification and their most recent observation. No pattern is apparent in the location or size of the revetments; a few contain structures, and several appeared to be occupied by equipment or vehicles on the most recent photography but most were not. Some of the regular missile-hold revetments also were occupied by equipment or vehicles.

The 3 sites in Eastern Europe are considered first, followed by the USSR sites grouped by the WAC number in which they are located.

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Next 1 Page(s) In Document Exempt

Poznan SAM Site B33-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X9

This site, is located at 52-34-30N 16-44-00E, 12 nm north-northwest of Poznan, Poland. There are 3 large rectangular revetments adjacent to the launch area; each of the revetments surrounds a structure (Figure 4).

One revetment is 450 feet north of the center of the launch area with walls approximately feet thick enclosing an area of The area within the second revetment, 350 feet northeast of the launch area, measures and the walls are approximately

thick. A third revetment is 350 feet southwest

of the center of the launch area. Its interior is

feet and it has walls approximately

Height of the revetments could
not be determined.

25X1D

25X1D

25X1D

25X1D

Poznan SAM Site B33-2 appeared complete when first observed, on KEYHOLE photography of Construction on the large revetments was negated on that photography, and they were first observed on photography of at which time there were several pieces of equipment in the regular missile-hold revetments.

No other SA-2 site with similar revetments has been reported in Poland.

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25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

SITES IN USSR

Kuressaare SAM Site B07-2

25X1A

25X1D 25X1D

25X1D

Two large U-shaped revetments are within the partially fenced launch area at Kuressaare SAM Site B07-2, 14 nm east-northeast of Kuressaare, at 58-22-30N22-53-20E.

One revetment is approximately 600 feet east-northeast of the center of the launch area. The walls are approximately 15 feet thick at the base and at least 5 feet high and enclose an area of approximately 130 by 120 feet. On KEYHOLE photography of

there was 1 unidentified object in the revetment (Figure 5).

The second revetment is 675 feet east of the center of the launch area and has walls 14

feet thick at the base and at least creating a square revetted area.

Kuressaare SAM Site B07-2 appeared complete when first observed on KEYHOLE photography of and no changes are apparent in the launch area between then and Construction of the large revetments can be negated on photography of they were under construction when first observed, on KEYHOLE photography of and they were complete in

At least 4 possible missile transporters were observed in the regular missile-hold revetments at that time.

The nearest SA-2 site with similar revetments is Riga SAM Site B03-2, 87 nm south-southeast of this site.

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Tallinn SAM Site A02-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

This site, is located at 59-33-20N 24-48-50E, 7.7 nm north-northeast of Tallinn (Figure 6). Three large revetments near the launch area were first observed on KEYHOLE photography of but construction of the revetments cannot be negated because of the poor quality of earlier photography.

Each of the 2 larger revetments shares a wall with a regular missile-hold revetment. One of these is 500 feet west of the center of the launch area and has walls approximately feet thick and at least feet high surrounding an area approximately wide. The other revetment is adjacent to the south missile-hold position, 500 feet southsouthwest of the center of the launch area. It

has walls approximately thick and at least 10 feet high surrounding an area 195 feet long by 105 feet wide. A smaller revetment, a short distance south of the perimeter road, has walls approximately thick and at least 10 feet high surrounding an area about

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

On KEYHOLE photography of 2 rows of unidentified equipment were observed in the western large revetment, and at least 8 pieces of equipment were visible in the regular missile-hold revetments.

Tallinn SAM Site A02-2 appeared complete when first observed, on KEYHOLE photography , but it has never had associated site support facilities.

The nearest SA-2 site with similar revetments is Kuressaare SAM Site B07-2, located 98 nm southwest.

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Slutsk SAM Site B36-2

25X1A

25X1D

25X1D

25X1D

This site, is located at 53-13-30N 27-31-00E, 12.2 nm north of Slutsk, and it has an associated large rectangular drive-through revetment (Figure 7).

The revetment is 500 feet north-northwest of the center of the launch area and encloses an area wide. The walls are thick at the base and at least high.

Slutsk SAM Site B36-2 appeared complete when first observed, on photography of

Construction on the large reverment can be negated on photography of and was first observed in It appeared complete in Neither the large reverment nor the regular missile-hold reverments was occupied when observed in nor have changes been noted in the site support facilities.

The nearest SA-2 site with similar revetments is Pinsk MRBM Complex SAM Site B11-2, located 86 nm southwest.

25X1D

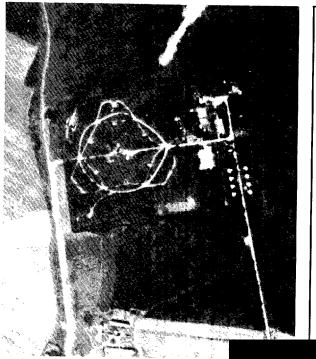
25X1D

25X1D

25X1D

25X1D

25X1D



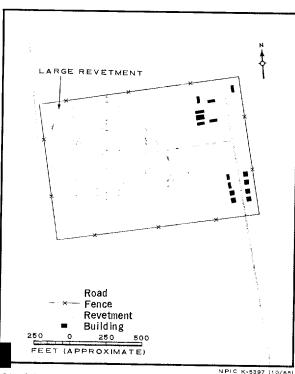


FIGURE 7. SLUTSK SAM SITE B36-2.

25X1D

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Kramatorsk SAM Site B17-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

is located at This site, 18-29-10N 37-38-05E, 15.5 nm south-southeast of Kramatorsk, and it has 2 associated large revetments (Figure 8).

The larger revetment is approximately 700 feet northeast of the center of the launch area and is L-shaped, consisting of 2 rectangles joined by a common wall. The interior of one is

feet and of the other is feet, and the walls are approximately The smaller thick and at least revetment is about 500 feet north of the center of the launch area and its interior is

wide, its walls are approximately ong by 30 feet thick at the base and at least

25X1D

25X1D

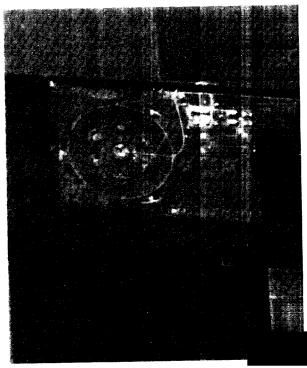
25X1D

25X1D

The site was complete when first observed, and both large in revetments were present. The site support facilities appeared unchanged when observed on the only other coverage, KEYHOLE photography of The large

revetments both contained unidentified equipment or small structures at that time, but occupancy of the regular missile-hold revetments could not be determined.

The nearest SA-2 SAM site with similar revetments is Kramatorsk SAM Site B25-2, 16 nm northwest.



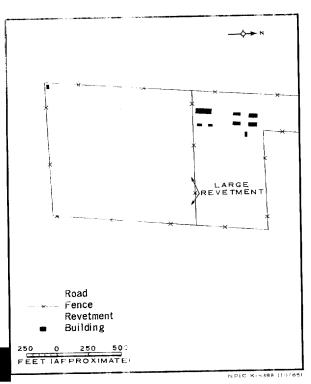


FIGURE 8. KRAMATORSK SAM SITE B17-2.

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Kramatorsk SAM Site B25-2

25X1A

25X1D

25X1D

This site, is located at 48-38-00N 37-18-00E, 11.5 nm southwest of Kramatorsk, and it has an associated large revetment that has been present since the site was first observed, in

The revetment is almost oval and its interior measures feet. The walls are approximately 45 feet thick at the base and at least

feet high (Figure 9). Two possible small structures were observed in the revetment on photography of but occupancy of the regular missile-hold revetments could not be determined. No changes in the site support facilities were noted between

The nearest SA-2 SAM site with a large associated revetment is Kramatorsk SAM Site B17-2, which is 16 nm southeast.

25X1D

25X1D

25X1D

25X1D

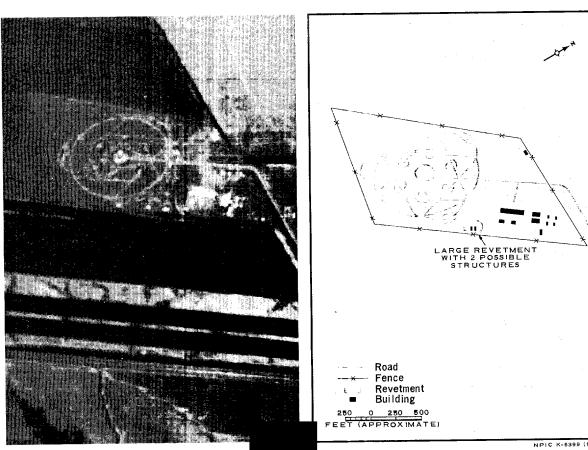


FIGURE 9. KRAMATORSK SAM SITE B25-2.

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Kursk SAM Site B33-2

25X1A

25X1D 25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

This site, is located at 51-56-10N 35-59-40E, 14.5 nm north-northwest of Kursk. Two large drive-through revetments adjacent to the launch area were first observed on KEYHOLE photography of

The revetments were not present when the site was first observed in

The larger revetment is approximately 500 feet south of the center of the launch area (Figure 10). Its interior dimensions are and its walls are approximately 30 feet thick and at least 10 feet high. The second

revetment is approximately 500 feet north of the center of the launch area. It has walls approximately 35 feet thick at the base and at least high, surrounding an area 145 feet long by 55 feet wide.

25X1D

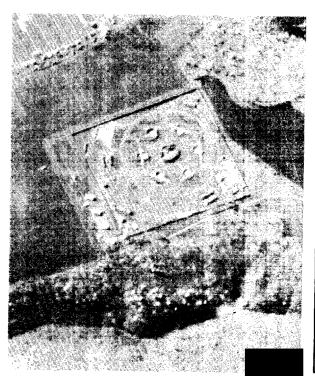
25X1D

25X1D

25X1D

On KEYHOL photography of no equipment was observed in the large revetments but the missile-hold revetments appeared to be occupied. No changes were apparent in the site support facilities between

The nearest SA-2 SAM site with similar revetments is Kursk SAM Site B05-2, located 19 nm southeast.



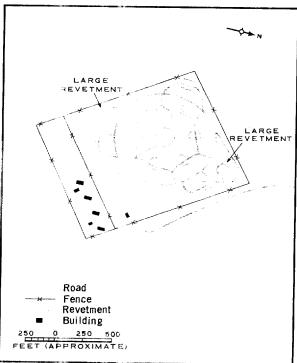


FIGURE TO. KURSK SAM SITE B33-2.

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Kursk SAM Site B11-2

25X1A

25X1D

25X1D

25X1D

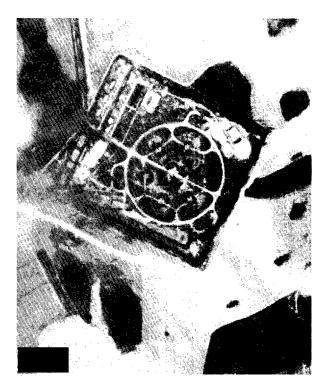
25X1D

25X1D

This site, is located at 51-40-25N 36-35-20E, 15.5 nm east-southeast of Kursk, and there are 2 large rectangular drive-through revetments adjacent to it. One is 550 feet northeast of the center of the launch area, with walls approximately thick at the base surrounding an area that measures. The other is 500 feet west-southwest of the center of the launch area and has walls approximately thick at the base. The enclosed area is Height of the walls could not be determined for either revetment (Figure 11).

Kursk SAM Site B11-2 appeared complete when first observed on KEYHOLE photography 25X1D and construction on the large revetments was negated on that 25X1D They were first observed on photography. photography of 25X1D Site support facilities are enclosed within the site fence and no changes were noted in them between 25X1D 25X1D No equipment was evident in the large revetments or the regular missile-hold 25X1D revetments in

The nearest SA-2 SAM site with similar revetments is Kursk Site B05-2, located 16 nm north-northwest.



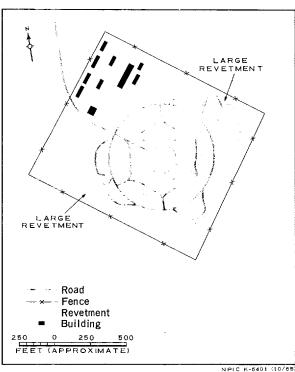


FIGURE 11. KURSK SAM SITE B11-2.

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Kursk SAM Site B05-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

This site, is 16 nm northeast of Kursk, at 51-55-20N 36-28-30E. It has 2 large drive-through revetments adjacent to the launch area, both of which have been present since the site was first observed, on KEYHOLE photography of

The larger revetment is approximately 600 feet northeast of the center of the launch area and its interior is wide.

The walls are approximately wide at the base and at least high (Figure 12). The

smaller revetment is approximately 600 feet northwest of the center of the launch area. Interior of the revetment is and the walls are approximately thick and of undetermined height.

金式

25X1D

25X1D

25X1D

25X1D

25X1D

On REYHOLE photography of no equipment was observed in the large revetments or the regular missile-hold revetments. The site support facilities were unchanged between the first coverage, in

The nearest SA-2 SAM site with similar revetments is Kursk SAM Site B11-2, located 12 nm southeast.



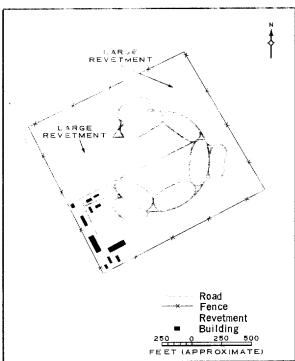


FIGURE 12. KURSK SAM SITE B05-2.

NPIC K-5402 (10/65)

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Kursk SAM Site B20-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

This site, is at 51-32-30N 36-05-30E, located 12.5 nm south-southwest of Kursk. Adjacent to it there are 2 large rectangular, drive-through revetments (Figure 13). Approximately 550 feet north of the center

Approximately 550 feet north of the center of the launch area there is a revetment with walls approximately thick, enclosing an area long by wide. The second revetment is 600 feet west-southwest of the center of the launch area. It encloses an area approximately wide and has walls about 45 feet wide at the base. Heights of the revetments could not be determined.

Kursk SAM Site B20-2 was first observed, apparently complete, on KEYHOLE photography and no changes 25X1D had occurred in its support facilities through 25X1D Construction of the large revetments is negated on photography 25X1D and they were 25X1D first observed on KEYHOLE photography of 25X1D No equipment was noted in the regular missile-hold revetments or 25X1D the large revetments in

The nearest SA-2 site with similar revetments is Kursk SAM Site B11-2, which is 21.5 nm northeast.



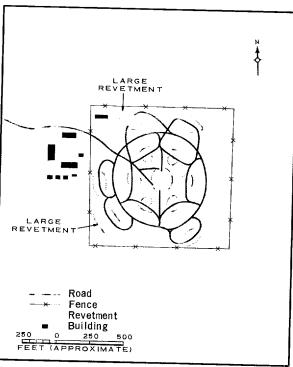


FIGURE 13. KURSK SAM SITE B20-2.

NPIC K-5403 (10/65)

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Poltava SAM Site B21-2

25X1A

25X1D

25X1D

25X1D

25X1D

is 12.5 nm This site, Bouth-southwest of Poltava, at 49-24-30N 34-22-40E. Two large rectangular revetments on the west side of the launch area, both approxrelately 500 feet from the center, were present when the site was first observed, on KEYHOLE photography of

Interior of the northern revetment is feet and the walls are approximately thick, of undetermined height. The southern one has walls about undetermined height, enclosing an area wide (Figure 14). long by

25X1D

25X1D

25X1D

25X1D

On photography of there were 6 vehicles in the northwest revetment, and one or the regular missile-hold reverments was occupied by a missile trans-No changes were noted in the site support area at that time.

The nearest S2-2 site with a similar large revetment is 18.2 tan north-northwest: Poltava SAM Site B29-2.



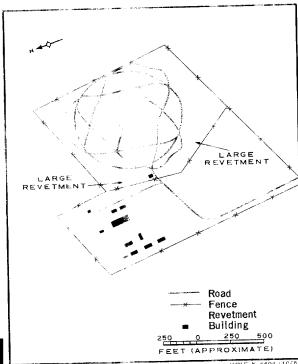


FIGURE 14. POLTAVA SAM SITE B21-2.

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Lugansk SAM Site B14-2

25X1A

25X1D

25X1D

25X1D 25X1D

25X1D

This site, is 15.5 nm southeast of Lugansk, at 48-24-10N 39-36-00E. Two large revetments adjacent to the launch area have been present since the site was first observed, on KEYHOLE photography of

The larger revetment is L-shaped (Figure 15) and has 1 wall approximately long and the other long. Both walls are about 50 feet wide at the base and at least feet high. The other revetment is approximately 700 feet northeast of the center of the launch

walls are approximately thick but of undetermined height.

On photography of the large revetments cannot be determined, but the missile-hold revetments appear to be occupied. The site support facilities do not appear to have changed since the previous coverage, in

and the

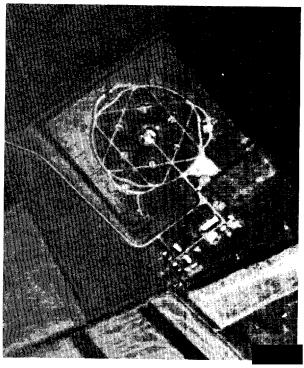
25X1D

25X1D

25X1D

area; the interior is

The nearest SA-2 site with similar revetments is Kramatorsk SAM Site B17-2, which is 78 nm west.



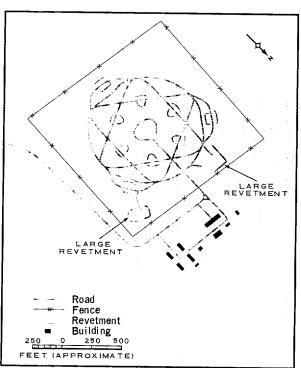


FIGURE 15. LUGANSK SAM SITE B14-2.

NPIC K-5405 (10/65

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Poltava SAM Site B29-2

25X1A This site, is 16 nm west-northwest of Poltava, at 49-39-35N 34-08-20E. A large oval revetment approximately 700 feet south-southeast of the center of the launch area was present when the site was

first observed, on KEYHOLE photography of Interior of

this revetment is

25X1D

25X1D

and the walls are approximately wide at the base and at least high (Figure 16).

On photography of

25X1D

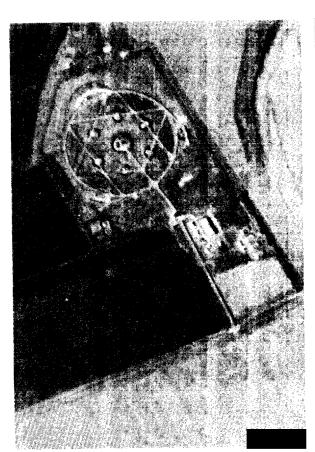
25X1D

25X1D

25X1D

no changes were apparent in the site support facilities since the original coverage, and no equipment was noted in the large revetment or the regular missile-hold revetments.

Poltava SAM Site B21-2, 18.2 nm south-southeast, is the nearest site with similar revetments.



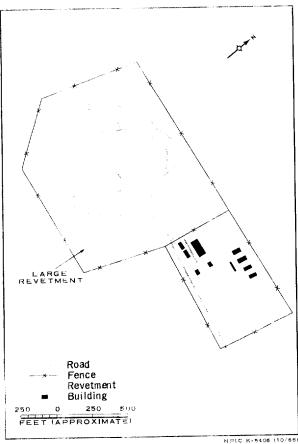


FIGURE 16. POLTAVA SAM SITE B29-2.

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Rostov SAM Site B21-2

25X1A

25X1D

25X1D

25X1D

This site, is 9.5 nm south-southwest of Rostov, at 47-05-15N 39-36-35E. A large drive-through revetment approximately 500 feet north of the center of the launch area was first observed on KEY-HOLE photography of

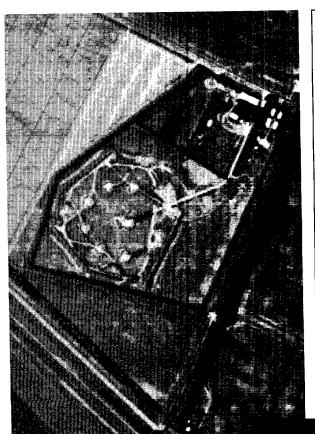
but it cannot be negated because of the limitations of previous photography. The interior is

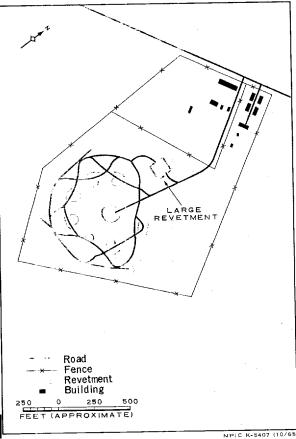
are approximately 25 feet thick and at least 10 feet high (Figure 17).

On KEYHOLE photography of

no equipment was observed in the large revetment or the missile-hold revetments, and the site support facilities appeared unchanged since the photography.

Rostov SAM Site B16-2, which is 12 nm southeast, is the nearest site with similar large revetments.





25X1D

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25X1D

25X1D

FIGURE 17. ROSTOV SAM SITE B21-2.

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Rostov SAM Site B16-2

25X1A

25X1D

25X1D

25X1D

This site, is located at 47-01-55N 39-35-45E, 14 nm south-southeast of Rostov. Two large revetments westsouthwest of the center of the launch area were first observed on KEYHOLE photography of

but the quality of previous photography precludes the establishment of a negation date.

The larger revetment is approximately 450 feet from the center of the launch area (Figure 18). It is C-shaped, with one wall generally parallel to the perimeter road and the endwalls curved toward the launch area. The interior area is approximately 425 feet long by 140 feet wide. The walls are estimated to be 25 feet wide at

the base and at least

The second revetment is approximately 800 feet west-southwest of the center of the launch area and its interior is a rectangle long by The walls are approximately 50 feet wide at the base but their height cannot be determined.

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

On photography of there was no equipment in the large revetments, but the missile-hold revetments appeared to be occupied. No changes were noted in the site support facilities between

The nearest SA-2 SAM sire with similar large revetments is 12 nm northwest: Rostov SAM Site B21-2.



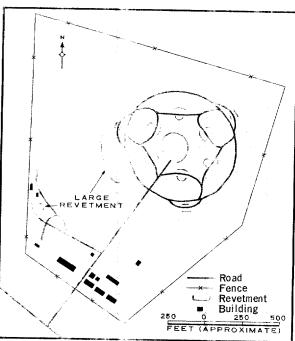


FIGURE 18. ROSTOV SAM SITE B16-2.

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Rostov SAM Site B29-2

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

This site, is 12.5 nm west-northwest of Rostov, at 47-17-25N 39-26-50E. Three large revetments have been present since the site was first observed, on KEYHOLE photography of

The largest revetment is approximately 800 feet southwest of the center of the launch area. It is rectangular; the interior measures and the walls are approximately wide at the base, their height undetermined (Figure 19).

A drive-through revetment approximately 500 feet southeast of the center of the site is L-shaped. The interior of one leg is 125 by and of the other is

The walls are approximately wide at the base and at least high.

25X1D

25X1D

25X1D

25X1D

25X1D

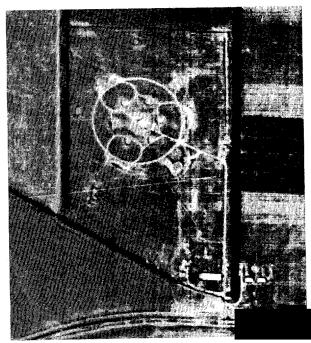
25X1D

25X1D

The third revetment is approximately 700 feet west of the center of the launch area. It is U-shaped and encloses an area 90 feet long by wide. The walls are approximately thick but their height could not be determined.

On KEYHOLE photography of no equipment was observed in the large revetments or the missile-hold revetments. No change was evident in the site support facilities since the previous coverage, in

Rostov SAM Site B21-2, 12 nm southeast, is the nearest site with similar large revetments.



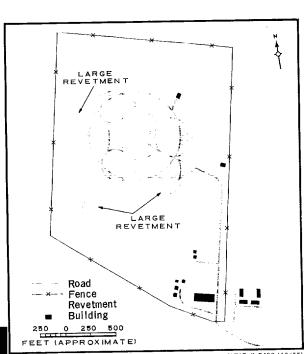


FIGURE 19. ROSTOV SAM SITE B29-2.

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Rostov SAM Site A06-2

25X1A

25X1D

25X1D

25X1D

25X1D

This site, is 7 nm northeast of Rostov, at 47-18-00N 39-52-00E. It appeared complete when first observed, on KEYHOLE photography of and the large oval drive-through revetment 500 feet south-southwest of the center of the launch area was present at that time.

The large revetment surrounds an area

feet long by 90 feet wide and has walls approxthick at the base and at least (Figure 20). In

25X1D

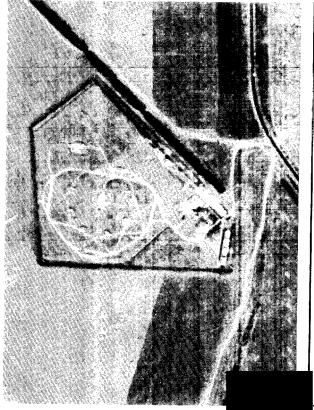
25X1D

25X1D

25X1D

the large revetment contained at least 5 pieces of unidentified equipment, and the regular missile-hold revetments were occupied. No changes have been noted in the site support area since the site was first observed.

Rostov SAM Site B29-2, located 17.2 nm west, is the nearest site with similar large revetments.



Road Fence Revetment Building

RUSTUV SAM SITE AD6-2.

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TOP SECRET CHESS RUFF NO FOREIGN DISSEM

Donetsk SAM Site B16-2

25X1A

25X1D

25X1D

25X1D

This site, is located at 47-45-30N 37-59-45E, 16.7 nm southeast of Donetsk, and it has a large U-shaped revetment north-northwest of the launch area (Figure 21).

The revetment walls are approximately of undetermined height, and they surround an area

wide. The revetment has been present since the site was first observed, on KEYHOLE photography of and the site support facilities appear unchanged from then through

25X1D

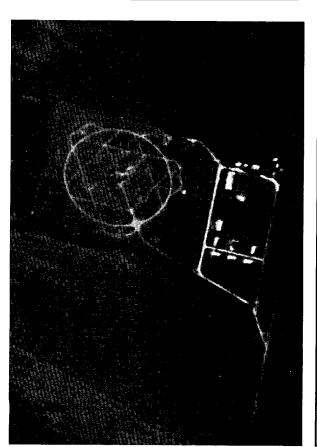
25X1D

25X1D

25X1D

No equipment was noted in the large revetment or the regular missile-hold revetments in

The nearest site with a similar revetment is Donetsk SAM Site B22-2, which is 16.5 nm west.



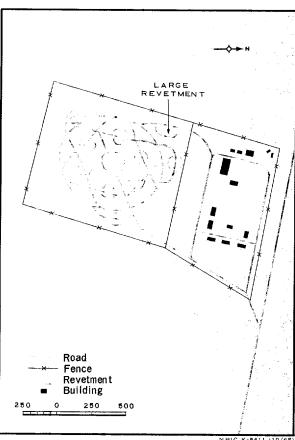


FIGURE 21. DONETSK SAM SITE B16-2.

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TOP SECRET CHESS RUFF

Donetsk SAM Site B22-2

25X1A

25X1D

This site, is located at 47-47-00N 37-34-45E, 16.5 nm southwest of Donetsk, and it has a large drive-through revetment 500 feet northeast of the center of the launch area (Figure 22).

The revetted area is 25X1D 25X1D feet wide, with revetment walls about thick but of undetermined height. It has been present since the site was first observed, on KEYHOLE photography of

and the site support facilities appear unchanged from then through

25X1D

25X1D 25X1D

25X1D

25X1D

No equipment was noted in the large revetment or the regular missile-hold revetments on photography of

Donetsk SAM Site B16-2, 16.5 nm east, is the nearest site with a similar revetment.

LARGE REVETMENT Road Fence Revetment Building FEET (APPROXIMATE) NPIC K-5412 (10/65

K SAM SITE B22-2.

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Handle Via

Taganrog SAM Site A04-2

25X1A

25X1D

This site, is located at 47-19-10N 39-00-30E, 7.5 nm north-north east of Taganrog, and it has an associated large drive-through rectangular revetment approximately 550 feet north-northeast of the center of the launch area (Figure 23).

Walls of the revetment are approximately thick at the base, of undetermined height, and enclose an area 65 feet long by 35 feet wide. It can be negated on KEYHOLE photog-

	23/10
raphy of and was first	25X1D
observed in	25X1D
SAM Site A04-2 appeared complete when	05V4D
first observed, in	25X1D
but one building has been added to the	25X1D
support facilities since	
A possible missile transporter was	25X1D
observed in one of the regular missile-hold	25X1D
revetments in	
Rostov SAM Site B29-2, located 18 nm	
east-southeast, is the nearest site with similar	25X1D
large revetments.	

25X1D



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TOP SECRET CHESS RUFF

Taganrog SAM Site B26-2

25X1A

25X1D

25X1D

25X1D

is located This site, at 47-10-25N 38-33-40E, 14.5 nm west-southwest of Taganrog. It appeared complete when first observed, on KEYHOLE photography of and there was a large rectangular revetment 750 feet southeast of the center of the launch area at that time. The interior of the revetment is 120 by and the revetment walls are approx-

thick at the base and at least 15 feet high (Figure 24). On photography of no equipment was noted in the large revetment or the regular One large and 2 missile-hold reverments. small buildings had been added to the site support area since

25X1D

25X1D

25X1D

Taganrog SAM Site A04-2, which is 20.5 nm northeast, is the nearest SA-2 site with a similar large revetment.



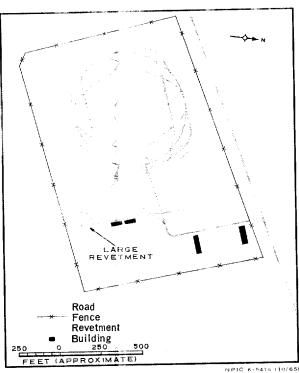


FIGURE 24. TAGANROG SAM SITE B26-2.

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TOP SECRET CHESS RUFF

raphy of

time.

Sevastopol SAM Site A11-2

25X1A

25X1D

25X1D

This site, is located at 44-34-15N 33-41-00E, 7 nm southeast of Sevastopol. Two large rectangular revetments are adjacent to the launch area (Figure 25).

One revetment is situated between the launch and support areas, 700 feet southwest of the center of the launch area. It was present when the site was first identified, on KEYHOLE photography of thick, of undetermined height, and enclose an area 150 feet long by 50 feet wide.

The second is a drive-through revetment 500 feet northeast of the center of the launch area. Walls approximately 20 feet thick and of undetermined height enclose an area 70 feet long by 65 feet wide. Construction of this revetment can be negated on KEYHOLE photog-

25X1D observed in Enlargement of the north-northeast regular missile-hold revetment was also first observed 25X1D and can be negated on photography 25X1D in the revetment had 25X1D of In been enlarged to encompass an area of 70 25X1D by 50 feet, with walls approximately wide at the base and of undetermined height. On KEYHOLE photography of there were 4 probable vehicles 25X1D or pieces of equipment in the southwest revetment and 5 unidentified objects outside the northeast large revetment. No changes were

and was first

25X1D

The nearest SA-2 site with similar revetments is Sevastopol SAM Site A19-2, which is 8.6 nm west-southwest.

evident in the site support facilities at that

25X1D

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TOP SECRET CHESS RUFF

Sevastopol SAM Site A27-2

This site, 25X1A is at 44-35-30N 33-25-45E, 4.5 nm west-southwest of 25X1A Sevastopol. SAM Site A27-3, 25X1A is collocated with it (Figure 26). Two square drive-through revetments are adjacent to the SA-2 launch area. One is 500 feet southsouthwest of the center of the launch area and surrounds an area 85 feet square. The walls 25X1D are approximately thick and of undetermined height. The other is 500 feet north-northwest of the center of the launch area, enclosing an area 70 by 65 feet, and has 25X1D walls approximately thick and of un-25X1D determined height. On photography 25X1D the revetment contained an unidentified object, and the regular missile-hold revetments contained a total of 2 unidentified pieces of equipment and 1 missile transporter.

Sevastopol SAM Site A27-2 appeared complete when first observed, on KEYHOLE photography of and the SA-3 site was complete at that time. The 2 large reverments can be negated on photography of and they were under construction when first observed, in No changes were apparent in the support facilities between

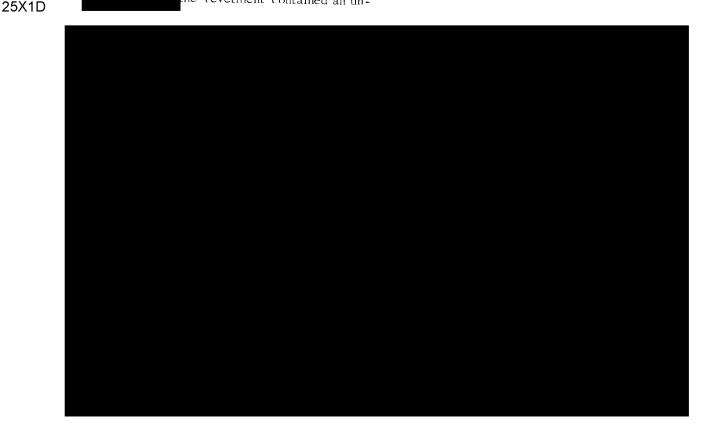
25X1D

25X1D

25X1D

25X1D

The nearest SA-2 site with a similar large revetment is Sevestopol Site A19-2, 5.2 nm southeast.



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TOP SECRET CHESS RUFF

Sevastopol SAM Site A19-2

25X1A

25X1D •

25X1D

25X1D

This site, is located at 44-31-25N 33-31-00E, 5 nm south-southwest of Sevastopol (Figure 27).

Approximately 600 feet north-northeast of the center of the launch area there is a large generally rectangular revetment enclosing an area that measures 190 by 50 feet. The walls are thick but their height cannot be be determined. On KEYHOLE photography of

3 unidentified objects were observed within the revetment.

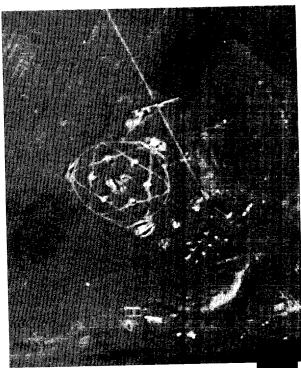
Two of the regular missile-hold revetments were being enlarged in

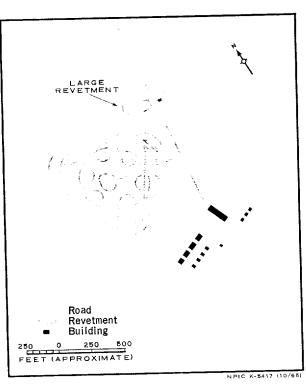
east one enclosed an area of 80 feet by 50 feet,

and the south revetment enclosed an area of 95 feet by 85 feet; both have walls approximately 30 feet thick but the height cannot be determined.

Sevastopol SAM Site A19-2 appeared complete when first identified, on TALENT photography of and the large revetment was complete at that time. Construction to enlarge 2 of the regular missile-hold revetments can be negated on KEYHOLE photography of . No changes have been noted in the site support facilities, and no missile-associated equipment has been seen in the regular missile-hold revetments.

The nearest SA-2 site with similar revetments is Sevastopol Site A27-2, which is 5.2 nm northwest.





25X1D

25X1D

25X1D

FIGURE 27. SEVASTOPOL SAM SITE A19-2.

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25X1D

Next 2 Page(s) In Document Exempt

25X1D

REFERENCES (Continued)



MAPS OR CHARTS

- ACIC. US Air Target Chart, Series 200, Sheet 0169-16HL, 2d ed, Jan 62 (SECRET)
- ACIC. US Air Target Chart, Series 200, Sheet 0169-23HL, 2d ed, Mar 62 (SECRET)
- DIA. US Air Target Chart, Series 200, Sheet 0153-11HL, 4th ed. Oct 64 (SECRET/ No Foreign Dissem)
- DIA. US Air Target Chart, Series 200, Sheet 0153-2HL, 3d ed, Aug 63 (SECRET)
- DIA. US Air Target Chart, Series 200, Sheet 0168-19HL, 2d ed, Dec 62 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0234-23HL, 2d ed, Oct 62 (SECRET)

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TOP SECRET CHESS RUFF

7. NPIC. R-556/64, Associated Large Revetments, Brest SAM Site A11-2, USSR, Jul 64 (TOP SECRET RUFF)

REQUIREMENT

25X1C

25X1C

CIA: C-RR5+82.348

SPIC PROJECT

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TOP SECRET CHESS RUFF

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