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December 1964

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15 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

ICBM COMPLEX DOMBAROVSKIY, USSR

Declass Review by NIMA/DOD



CIA



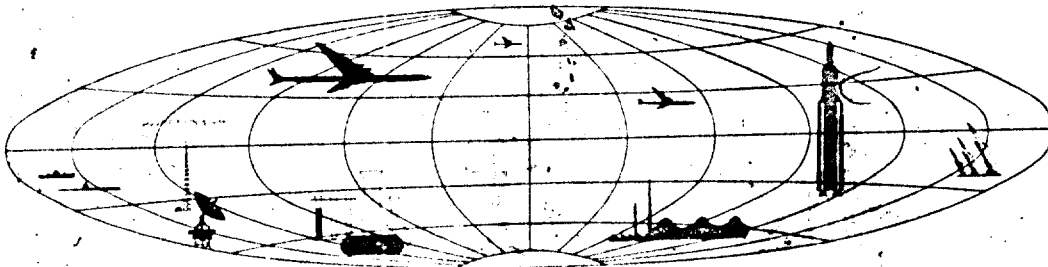
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PHOTOGRAPHIC INTERPRETATION REPORT

ICBM COMPLEX
DOMBAROVSKIY, USSR

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Launch Site A (TDI Site 4)	51-11N 59-38E
Launch Site B (TDI Site 3)	51-07N 59-38E
Launch Site C (TDI Site 2)	51-01N 59-43E
Launch Site D (TDI Site 1)	50-58N 59-32E
Launch Site E (TDI Site 5)	51-05N 59-30E

25X1A

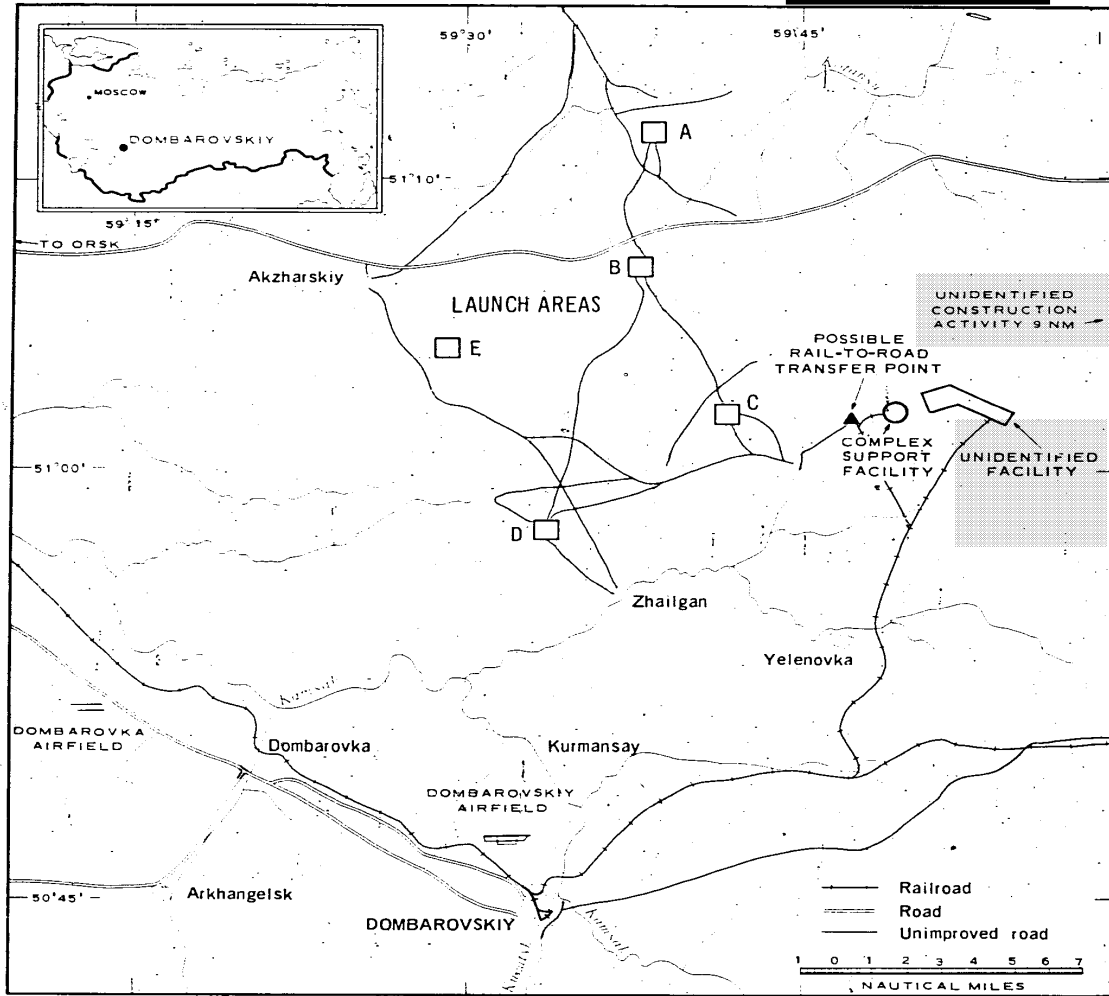


FIGURE 1. LOCATION OF COMPLEX.

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ICBM COMPLEX, DOMBAROVSKIY, USSR

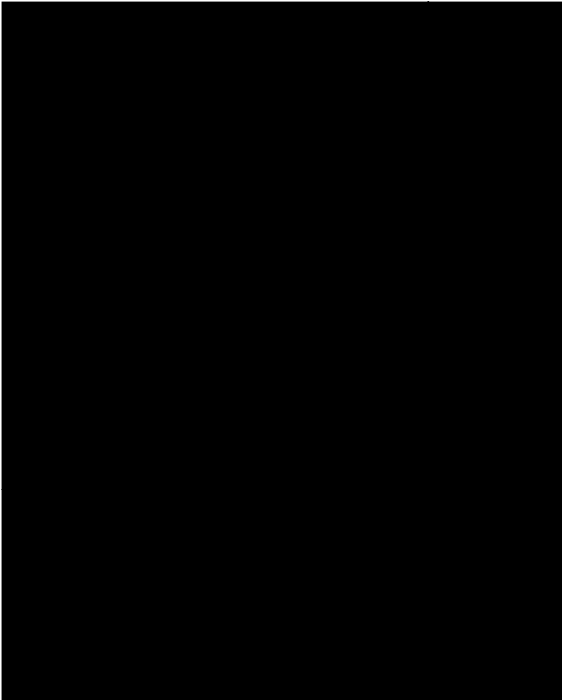
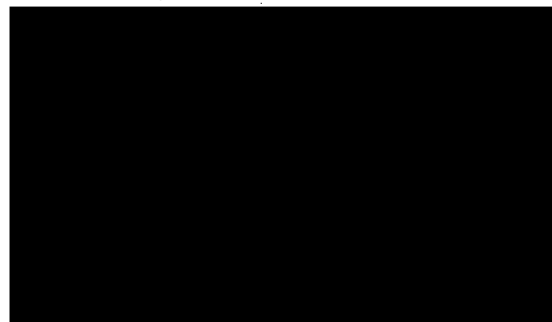
INTRODUCTION

The Dombarovskiy ICBM Complex is located approximately 20 nautical miles (nm) northeast of the town of Dombarovskiy and 47 nm east-southeast of the city of Orsk, in the Southern Urals region of the USSR. It is situated on flat-to-gently rolling terrain which is generally devoid of extensive stands of forested or wooded areas. Although agriculture is in evidence, the locale appears to be poor in this respect and has large areas of unused barren land.

The complex (Figure 1) consists of a complex support facility under construction; a possible rail-to-road transfer point; and 5 launch areas, each containing a single-silo launch site under construction.



No surface-to-air missile (SAM) defenses have been identified in the vicinity of the complex.



At each launch area of the Dombarovskiy Complex there is a group of buildings whose function has not been determined.



Silos and associated buildings have an almost north-south alignment at Launch Areas A and B, and a nearly northeast-southwest alignment at Launch Areas C and D. The silo and associated buildings at Launch Area E are aligned north-northwest and south-southeast; an approximate

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25X1D

25X1B

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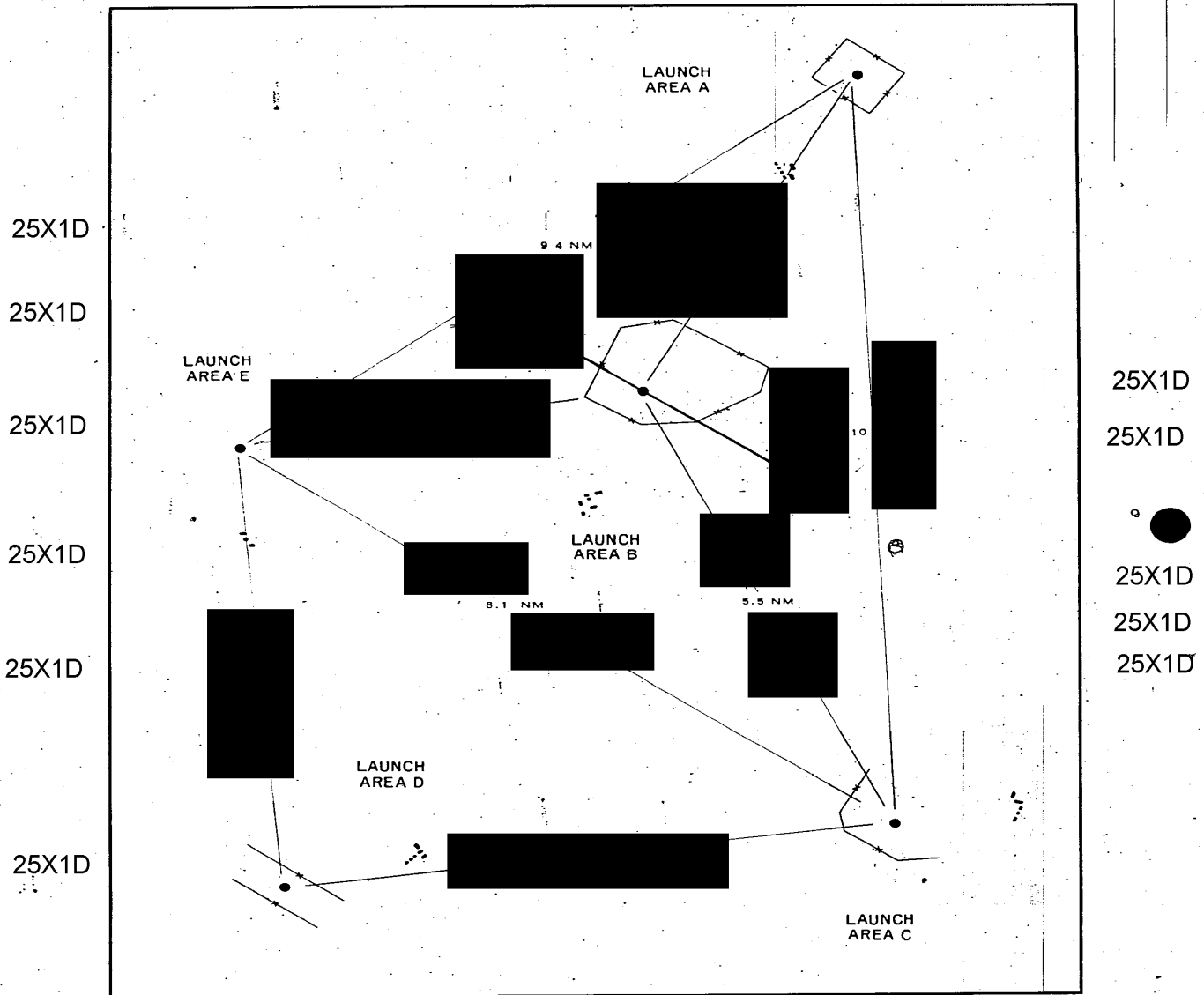


FIGURE 2. SCHEMATIC LAYOUT OF LAUNCH AREAS.

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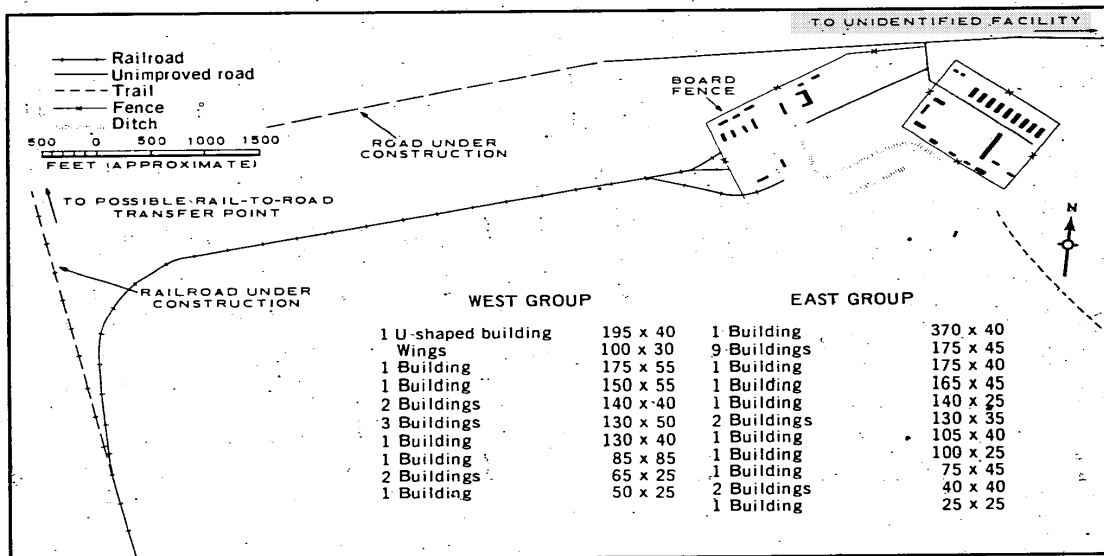
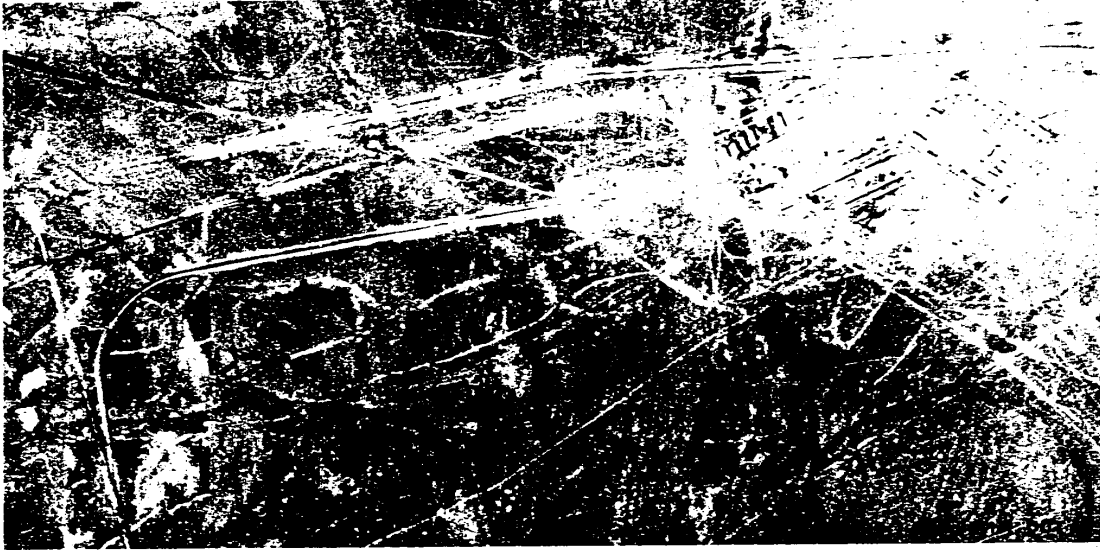


FIGURE 3. COMPLEX SUPPORT FACILITY.

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FIGURE 4. UNIDENTIFIED FACILITY.

or B and form a second unit of three. An electronic facility has not been identified at the Dombarovskiy Complex, but a good candidate is suggested by the large curious fence configuration at Launch Area B--similar to that at Launch Complex I at the Tyuratam Missile Test Center -- and the presence of an excavation on the east side of the silo. The orientation and distances between individual launch areas, and the fence configuration at Launch Area B, are shown in Figure 2.

COMPLEX SUPPORT FACILITY

The complex support facility (51-02N 59-49E) is located approximately 20 nm northeast of the town of Dombarovskiy. There was no evidence of the facility in [REDACTED] although a survey line for the rail spur was present at that time. The first evidence of construction activity was observed in [REDACTED]

The complex support facility (Figure 3), served by a spur from the branch rail line serving the unidentified facility approximately 2 nm to the east, consists of 2 groups of buildings. The rail spur enters the western group of 13 buildings which appear to be shops and warehouses; a board fence has been identified on the west and north sides. The eastern group is enclosed by a security fence and contains 21 buildings which appear to be barracks and warehouse types. An east-west road, which is under construction, passes the 2 groups of buildings on the north. The road starts at the unidentified facility to the east, and currently terminates at a point approximately 5,600 feet west of the complex support facility. A short rail spur, which may serve the possible rail-to-road transfer point, is under construction northward from the main spur serving the complex support facility.

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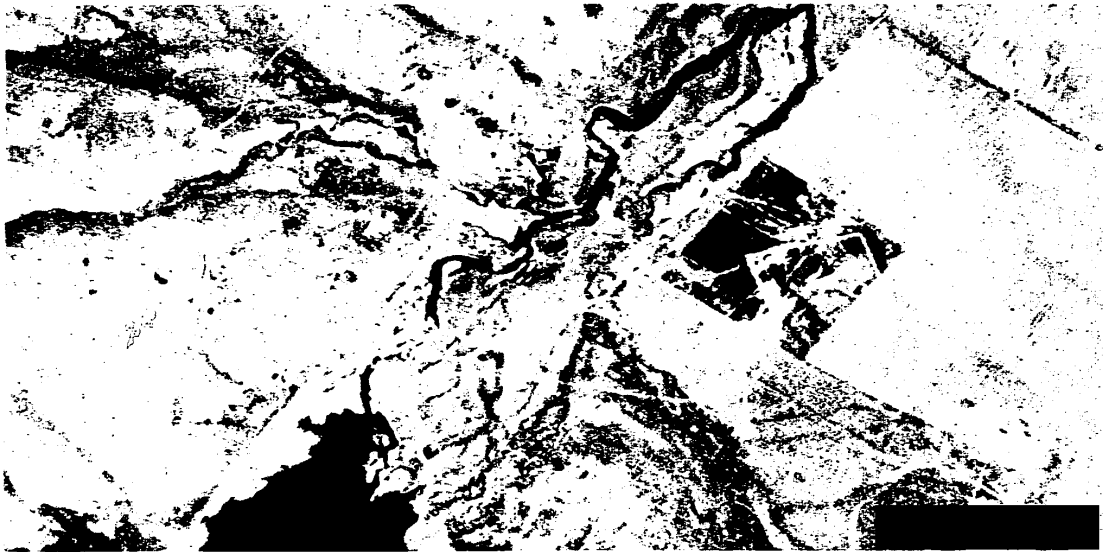
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extension of their axis intercepts the launch site at Launch Area D, [REDACTED] the silo and associated buildings of a sixth launch area would intercept the launch site at either Launch Area A

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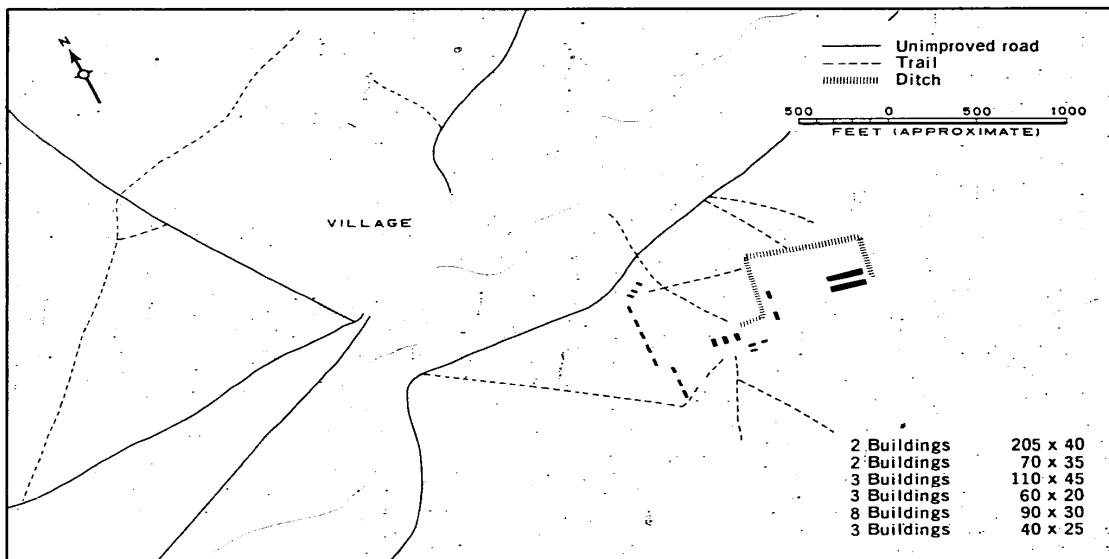


FIGURE 5. AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY.

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UNIDENTIFIED FACILITY

The unidentified facility (51-01N 59-52E) east of the complex support facility is comprised of 2 groups of buildings (Figure 4). The western group contains approximately 150 buildings, of which about 125 are housing-type structures and the remainder warehouse and shop types; several buildings are currently under construction. The eastern group, containing a concrete batch plant, 2 large shop buildings, and approximately 30 miscellaneous

buildings, is served by a branch of the rail line extending eastward from Dombarovskiy. There was no evidence of this facility in [redacted] and it was apparently complete when first seen in [redacted] some buildings, however, have been constructed since [redacted]. The shops, concrete batch plant, and housing units of this facility are probably used to support construction of the ICBM complex.

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25X1D

AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY

The area of unidentified construction activity (51-04N 60-03E) is located approximately 9 nm east-northeast of the complex support facility (Figure 5). There was no evidence of construction in [redacted] but in [redacted] buildings

were present. In [redacted] the number of buildings had been increased to 21. Ditching connects some of the buildings. There appears to be no direct association with elements of the ICBM complex, other than concurrence of construction.

25X1D

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LAUNCH AREA A

Launch Area A is located 11.8 nm northwest of the complex support facility. There was no evidence of the launch area in [redacted]

topped rectangle on the east side of the excavation, and a rectangular graded area with a circular ground scar 145 feet in diameter is adjacent to the excavation on its west side. A small building lies near the excavation, on its southeast side.

25X1D
25X1D

The launch area (Figure 6) contains a single-silo launch site in a midstage of construction. The site is enclosed by a security fence 1,150 by 900 feet, forming a rectangle whose short axis is oriented generally north and south. The silo is a circular configuration approximately 25 feet in diameter, and is in the center of an excavation approximately 120 by 105 feet. The silo has not yet been brought up to ground level. The excavation is at the base of a slope, so that one side is shallower than the other. Spoil from the excavation has been piled in a neat flat-

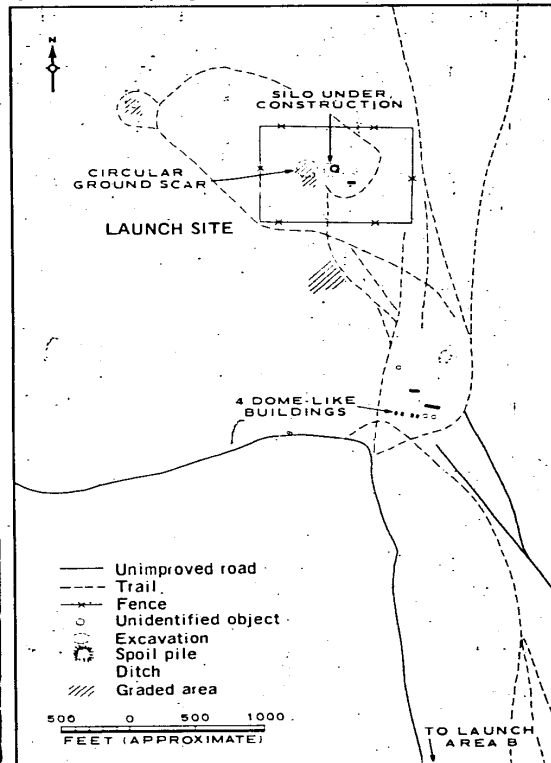
An unidentified object is in the center of a small graded area 1,700 feet west-northwest of the silo, and another graded area lies 1,000 feet to the south. Approximately 2,400 feet southeast of the silo there is a group of 6 buildings, 4 of which may be domed. The 4 dome-like buildings are in a line, spaced in groups of 2. A ditch extends from the west end of the line of buildings northward to an unidentified object. At the east end of the line of buildings there are 2 unidentified objects with approximately the

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LAUNCH SITE

- 1 Building 75 x 45
- 1 Spoil pile 90 x 70
- 1 Circular ground scar 145' Diam

- 1 Building 160 x 40
- 1 Building 110 x 25
- 4 Buildings 35 x 30

NPIC J-6214 (12/64)

FIGURE 6. LAUNCH AREA A.

same spacing as the possibly domed buildings. Ground scarring and an excavation in the vicinity

of these buildings suggest additional construction activity.

LAUNCH AREA B

Launch Area B is located 8.7 nm west-northwest of the complex support facility. There was no evidence of the launch area in [REDACTED]

The launch area (Figure 7) contains a single-

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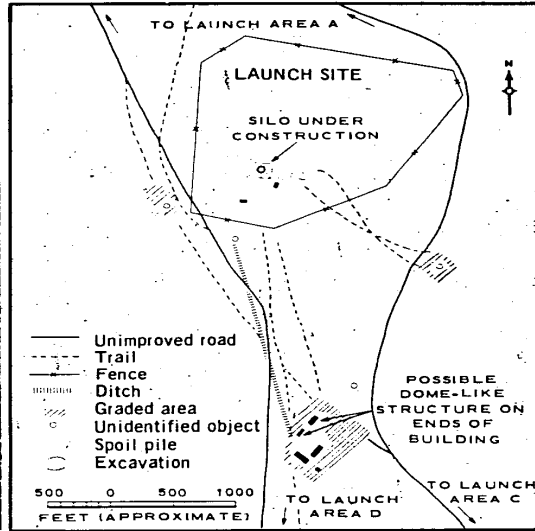
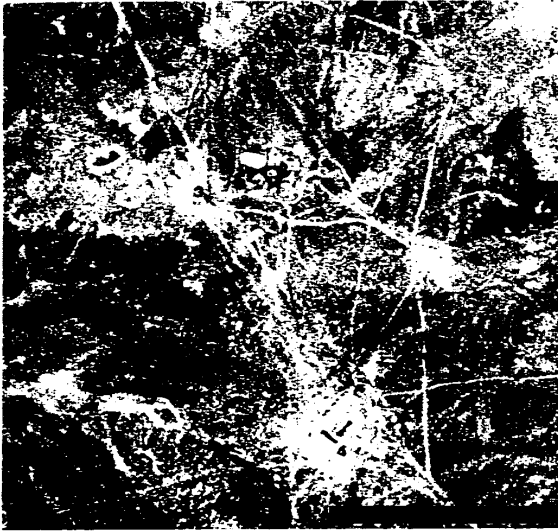
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25X1D

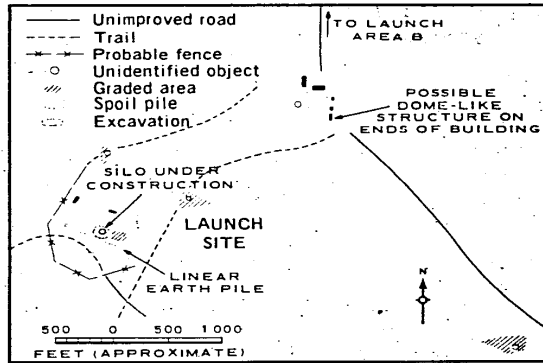
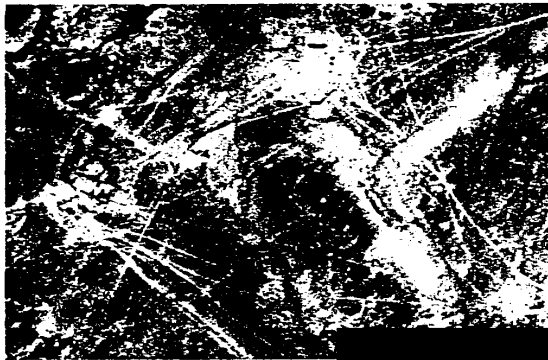


LAUNCH SITE							
1 Spoil pile	200 x 105	1 Building	70 x 15	1 Building	180 x 45	2 Buildings	90 x 25
1 Spoil pile	110 x 95	1 Building	75 x 15	1 Building	160 x 30	1 Building	45 x 45

NPIC J-6218 (12/64)

FIGURE 7. LAUNCH AREA B.

25X1D



LAUNCH SITE					
1 Spoil Pile	200 x 140	1 Building	165 x 60		
1 Building	90 x 25	1 Building	125 x 25		
1 Building	55 x 50	1 Building	90 x 25		
		2 Buildings	30 x 25		

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FIGURE 8. LAUNCH AREA C.

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silos launch site in a midstage of construction. The site is enclosed by an irregularly shaped security fence whose configuration is reminiscent of the security fence at Launch Complex I at the Tyuratam Missile Test Center, and is large enough to accommodate an electronic facility of the type at Launch Complex I. The silo is a circular configuration approximately 35 feet in diameter, in the center of an excavation approximately 120 by 110 feet. Spoil from the excavation has been piled in a neat flat-topped rectangle on the west side of the excavation, and in a neat flat-topped square on the east side.

Two buildings lie near the excavation, on its south side.

An unidentified object is in the center of a small graded area 1,800 feet east-southeast of the silo, and a second unidentified object is in a graded area 800 feet southwest of the silo. Approximately 2,550 feet south of the silo, there is a group of 5 buildings. Two of these, which have their long axis on a common line, appear to be dome-like at each end. A ditch extends from the south end of these buildings north-northwestward to an unidentified object.

LAUNCH AREA C

Launch Area C is located 4.1 nm west of the complex support facility. There was no evidence of the launch area in [redacted] and first construction activity was observed [redacted]

The launch area (Figure 8) contains a single-silo launch site in a midstage of construction. Probable security fencing can be observed on the south and west sides of the site. The silo is a circular configuration approximately 30 feet in diameter, in the center of an excavation approximately 120 by 115 feet. Spoil from the excavation has been piled in a rectangular shape on the west side of the excavation; a square graded area, with a linear pile of earth along its south side, is adjacent to the east side

of the excavation. Two buildings are near the excavation, on its north side.

An unidentified object is located in a graded area 950 feet northeast of the silo, and another unidentified object is in a graded area 4,300 feet east-southeast of the silo. Approximately 2,500 feet north-northeast of the silo there is a group of 5 buildings or structures. Three of these have their long axes on a common line; the largest of the 3 appears to be dome-like at each end, and the other 2 appear to be low and square. The latter are probably an earlier construction stage of the largest building which, when completed, will be similar or identical to the buildings with the dome-like features associated with Launch Area B.

LAUNCH AREA D

Launch Area D is located 11 nm west-southwest of the complex support facility. There was no evidence of the launch area in [redacted] and first construction activity was observed [redacted]

The launch area (Figure 9) contains a

single-silo launch site in a midstage of construction. High board fences, approximately 600 feet in length, and aligned in an east-west direction, are located on the north and south sides of the launch site. The silo is a circular configuration in the center of an excavation approximately 120

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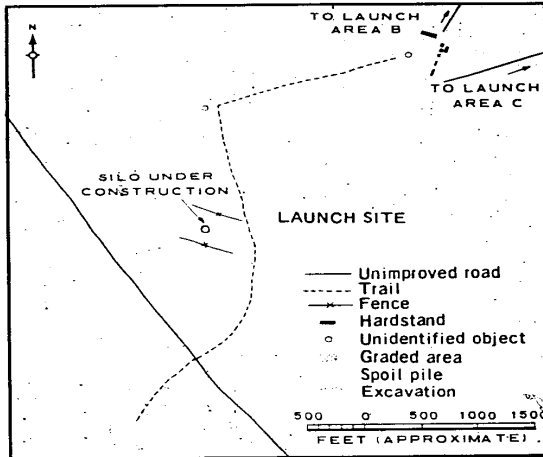
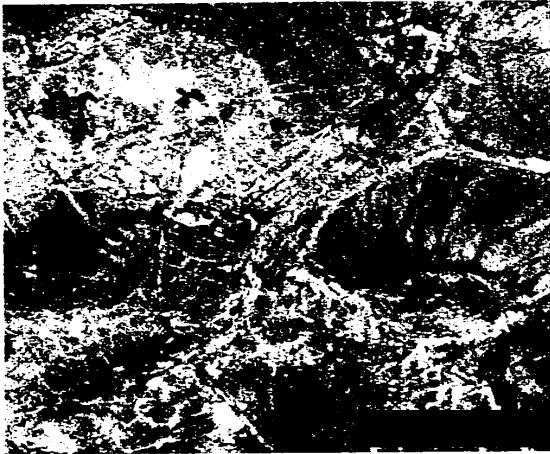
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25X1D



LAUNCH SITE

- 1 Spoil pile
- 1 Spoil pile

215 x 115
90 x 90

- 1 Building
- 1 Building

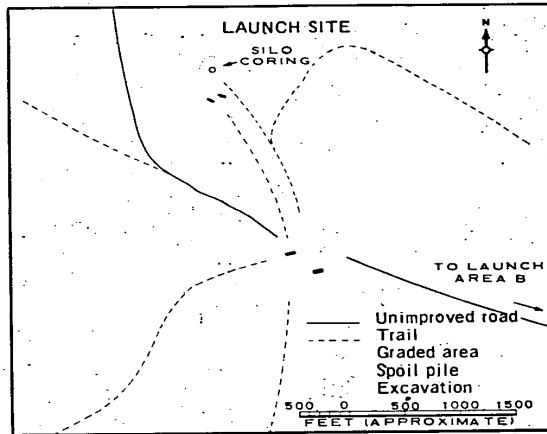
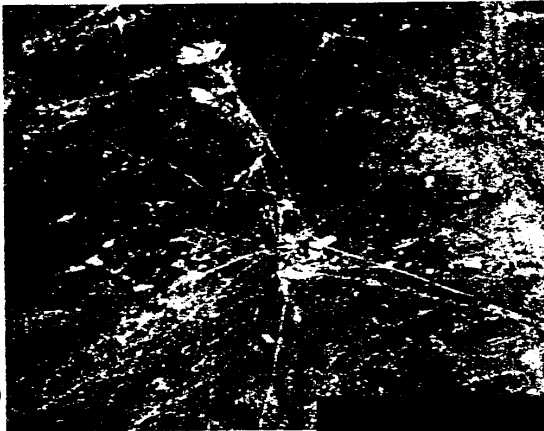
175 x 45
85 x 25

- 1 Building 55 x 25
- 2 Buildings 35 x 20

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FIGURE 9. LAUNCH AREA D.

25X1D



LAUNCH SITE

- 1 Spoil pile
- 1 Building
- 1 Building

200 x 150
80 x 45
60 x 30

- 1 Building
- 1 Building

140 x 20
90 x 15

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FIGURE 10. LAUNCH AREA E.

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by 105 feet. The silo has not yet been brought up to ground level, and cannot be measured because of photo limitations. Spoil from the excavation has been piled in a neat flat-topped rectangle on the west side of the excavation, and a neat flat-topped square on the east side. A small graded area is located 2,200 feet south-southwest of the silo, and a graded area with an unidentified object in it is located 1,300 feet north-northwest

of the silo.

Approximately 2,800 feet north-northeast of the silo there is a group of 7 buildings. Six are arranged in a straight line, and, although they are reminiscent of the buildings with dome-like features observed at Launch Areas A, B, and C, the dome-like appearance cannot be detected at this group.

LAUNCH AREA E

Launch Area E is located 12.6 nm west-northwest of the complex support facility. There was no evidence of the launch area in [redacted] and first construction activity was observed in [redacted]. The launch area (Figure 10) contains a single-silo launch site in an early stage of construction. No security fencing has been identified. A silo coring is in a shallow excavation, and spoil from the excavation has been piled in

a flat-topped rectangle on the west side of the excavation. Two small buildings are near the excavation on its southeast side.

A small area has been graded 1,100 feet east-northeast of the silo coring. Approximately 2,200 feet southeast of the excavation there is an area of construction activity. There are 2 buildings in this vicinity, and grading and ground scarring indicate future construction.

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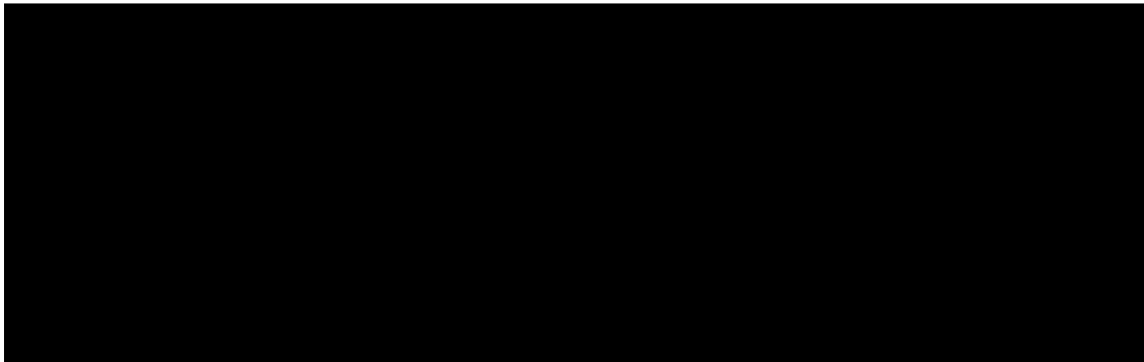
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REFERENCES

PHOTOGRAPHY



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MAPS OR CHARTS

ACIC, US Air Target Chart, Series 200, Sheet 0236-10HL, 3d ed, Nov 62, scale 1:200,000 (SECRET)

REQUIREMENT

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NPIC PROJECT

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