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April 1964



PHOTOGRAPHIC INTERPRETATION REPORT

APPROVED FOR
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16-Jul-2011

ICBM COMPLEX, NOVOSIBIRSK, USSR



CIA



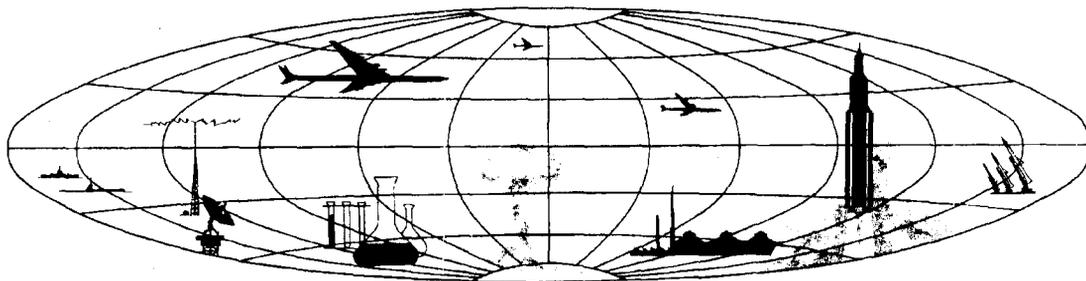
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Launch Site A (TDI Site 2)	55-19N 83-10E
Launch Site B (TDI Site 1)	55-19N 83-01E
Launch Site C (TDI Site 3)	55-23N 82-56E
Launch Site D (TDI Site 4)	55-21N 83-14E
Launch Site E (TDI Site 5)	55-19N 82-55E

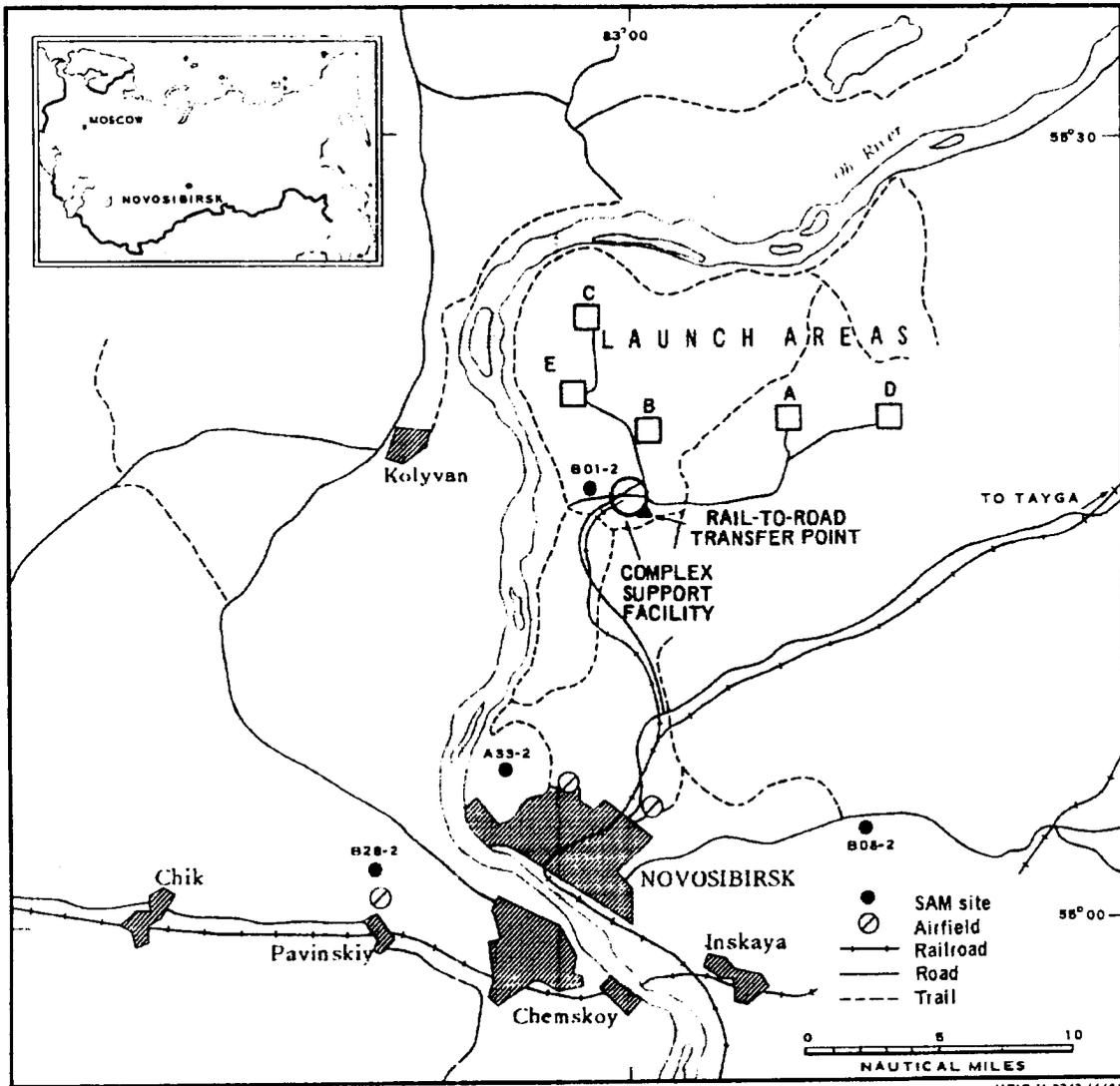


FIGURE 1. LOCATION OF COMPLEX.

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ICBM COMPLEX, NOVOSIBIRSK, USSR**INTRODUCTION**

The Novosibirsk ICBM Complex (Figure 1) is located in a large bend of the Ob river 15 nautical miles (nm) north of the major industrial, transportation, and communications center of Novosibirsk. The terrain is flat and covered principally by secondary growth.

It consists of a complex support facility, a rail-to-road transfer point, and five launch sites (one Type IIB, two Type IID, and two Type IIIA). Wide-radius turns are present throughout the complex. All Type II sites are oriented 5 degrees, plus or minus 5 degrees, and have a pad separation of 980 feet. The Type IIIA sites are oriented 65 degrees, plus or minus 5 degrees, with a silo separation of 180 feet.

There was no evidence of the complex in

December 1960 [redacted] The complex support facility, Launch Area B, and the road to Launch Area A were visible on photography of December 1961 [redacted] however, they were not identified until June-July 1962 [redacted]

The complex is served by a branch from the Novosibirsk-Tayga rail line, approximately 10 nm to the south. A road from Novosibirsk also serves the complex.

Four SA-2 SAM sites are presently deployed near the complex, as follows:

Novosibirsk SAM Site A33-2,
Novosibirsk SAM Site B01-2,
Novosibirsk SAM Site B08-2,
Novosibirsk SAM Site B28-2, [redacted]

COMPLEX SUPPORT FACILITY

The complex support facility (55-16N 82-59E) consists of an administration/housing area and a railhead and storage area (Figures 2 and 3). It encompasses an area of approximately 0.7 by 0.5 nm and contains 127 buildings. No security measures are evident.

The branch rail line servicing the facility separates into three spurs at the railhead and storage area, the branch itself continuing on to the rail-to-road transfer point, where it terminates. Located within the railhead and storage area is a probable heating plant, a possible batch plant, 3 warehouses, a vehicle/equipment park, and 13 small buildings.

Immediately adjoining the railhead and storage area on the northern side is the administration/housing area, which contains an administration building, two T-shaped mess-halls, 45 barracks-type buildings, 9 family-

type units, and 2 miscellaneous structures. On the eastern end is one large storage or shop building and 10 other buildings.

Northeastward across the gully of a small tributary of the Ob river is an area of unidentified activity containing a total of 21 buildings. Besides 5 barracks-type buildings, this area contains the largest and highest building in the complex. Not present in December 1961 [redacted] it was subsequently connected by extensive track activity to the vicinity of the site support facility of Launch Area B. It is presently served by an access road off the complex main road, and has consistently shown evidence of track activity between it and the administration/housing area of the complex support facility, although no bridge exists over the gully separating the two.

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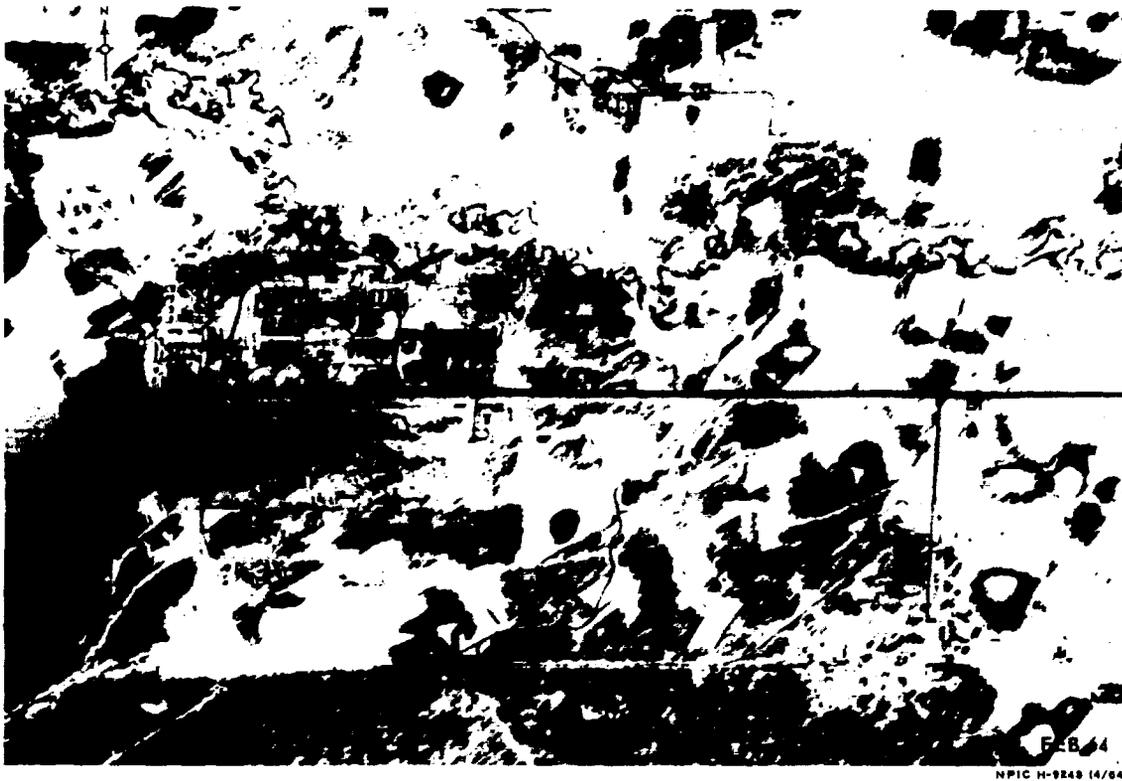


FIGURE 2. COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT.

RAIL-TO-ROAD TRANSFER POINT

A loop-type rail-to-road transfer point is located 7,500 feet east of the complex support facility at 55-16N 83-00E (Figures 2 and 3). Sixteen buildings of indeterminate nature are

situated in the immediate vicinity. The branch rail line terminates 1,700 feet beyond the transfer point near a small possible earth-mounded structure.

LAUNCH AREA A

Launch Area A, located 6.6 nm northeast of the complex support facility (Figure 4), consists of a completed Type IIB launch site and a site support facility. Photography of December 1961 [redacted] disclosed a road leading to the vicinity of the launch area.

The site was first observed under construction the following April 1962 [redacted] and was thereafter seen only indistinctly until February 1964 [redacted] by which time it had been completed.

The launch site, comprising about 110

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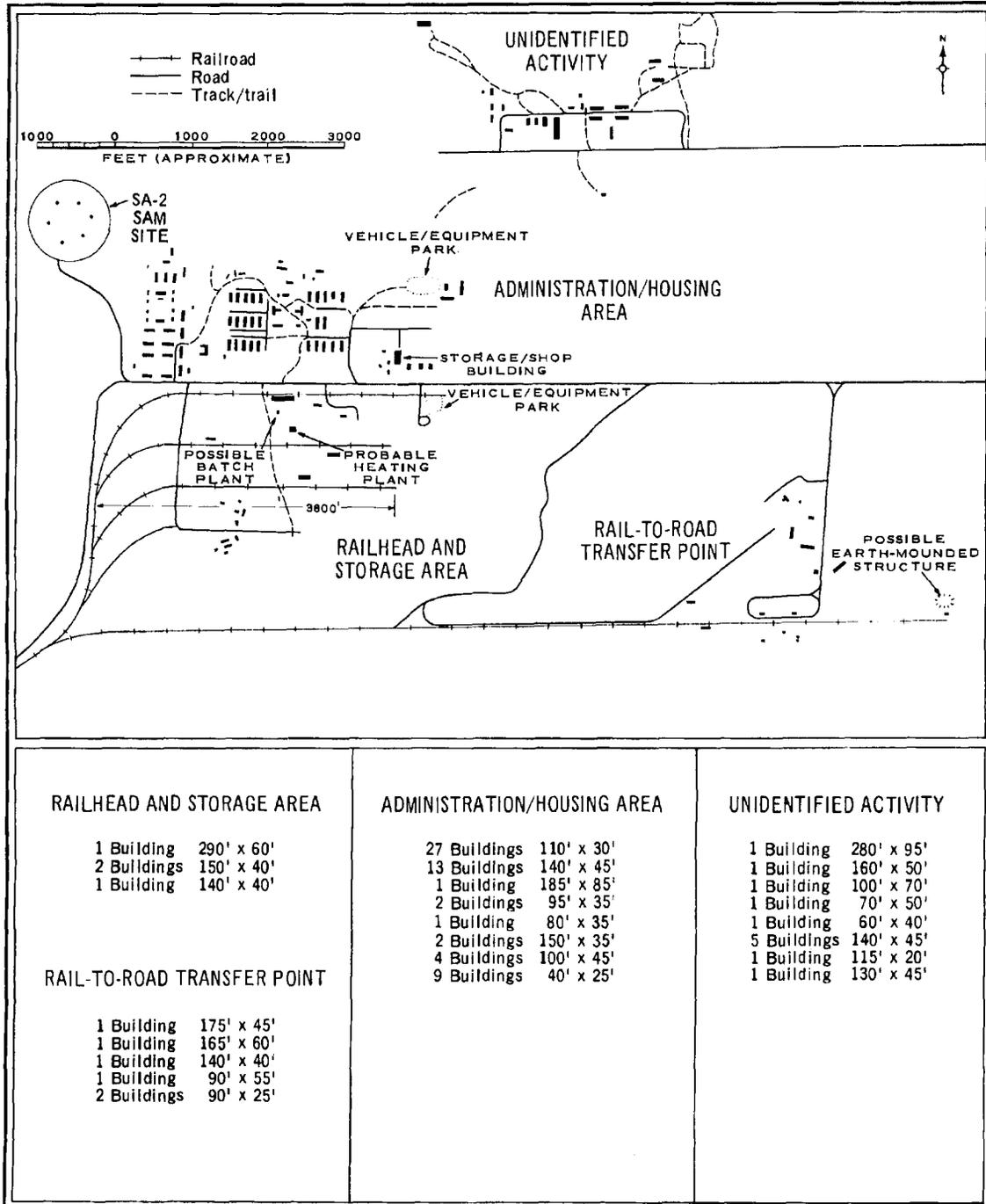
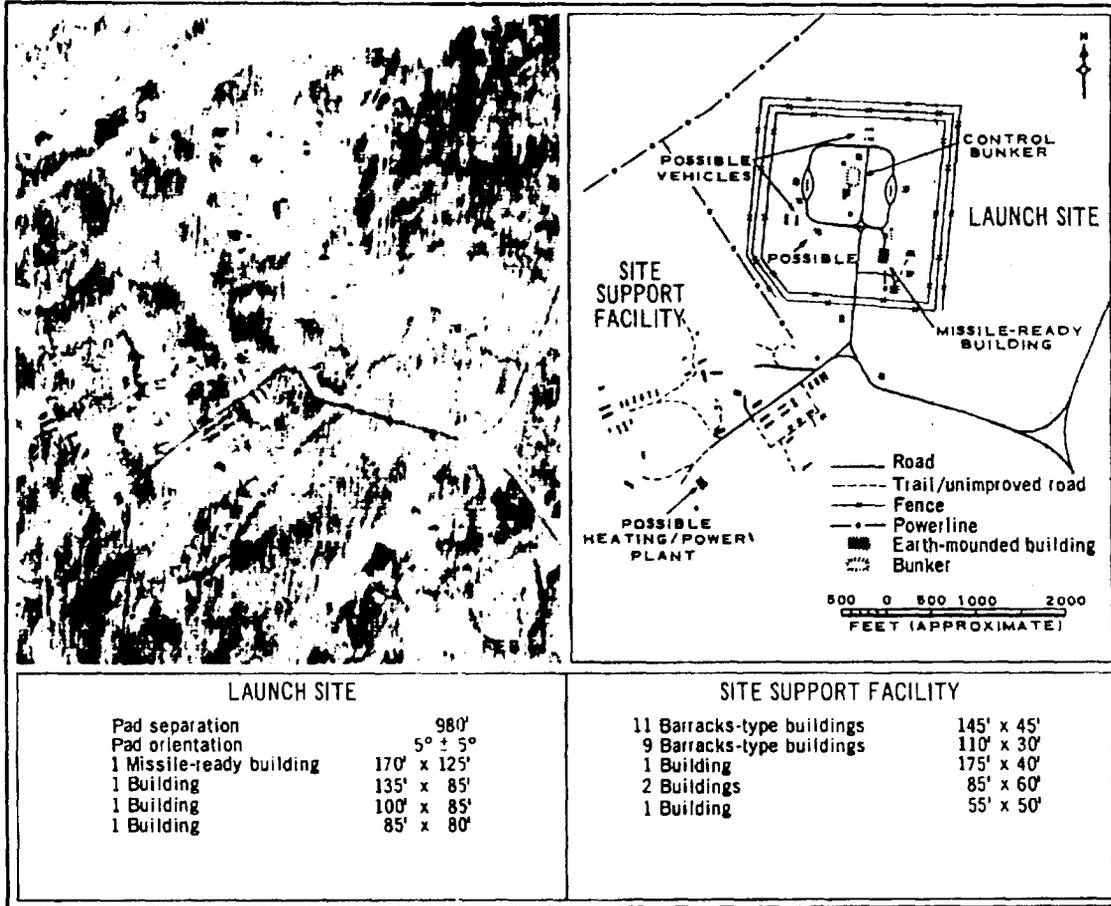


FIGURE 3. LAYOUT OF COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT.

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FIGURE 4. LAUNCH AREA A.

acres, is in an area of secondary growth and enclosed by a double security fence. A third fence is present on three sides. An erector/shelter is evident on each pad. There is one missile-ready building in line with, and 800 feet behind, the right pad.

The center service road is offset to the right and has a control bunker, three buildings, and a probable earth-mounded structure on the left side.

Two other small buildings (one probably a gatehouse just outside the fenced area) are located to the rear of the ready building; in front are two objects of indeterminate nature, one of which might possibly represent a row of vehicles. There is a possible small earth-mounded building behind the left pad and two rows of objects, possibly vehicles, nearby. A somewhat similar grouping of objects is at the forward end of the offset center service road.

The site support facility is situated 3,100 feet southwest of the launch site. It contains one probable administrative-type building, 20

barracks-type buildings, a possible heating/power plant, and 23 other structures.

LAUNCH AREA B

Launch Area B, located 3.0 nm north-northeast of the complex support facility (Figure 5), consists of a completed Type IIIA launch site, a site support facility, and a possible RIM facility. It was negated on photography of December 1960 [redacted] and first appeared in an early stage of construction in December 1961 [redacted]. It was not finally determined to be complete until February 1964 [redacted] although it had been eval-

uated as being in a late stage of construction in December 1962 [redacted]. Between the latter dates the quality of the photography prevented a determination of the status of construction.

The launch site, comprising about 50 acres, is in an area of fairly heavy secondary growth and enclosed by a double security fence. The loop road pattern, the location of the 3 launch silos, a control bunker, a possible spray pond,

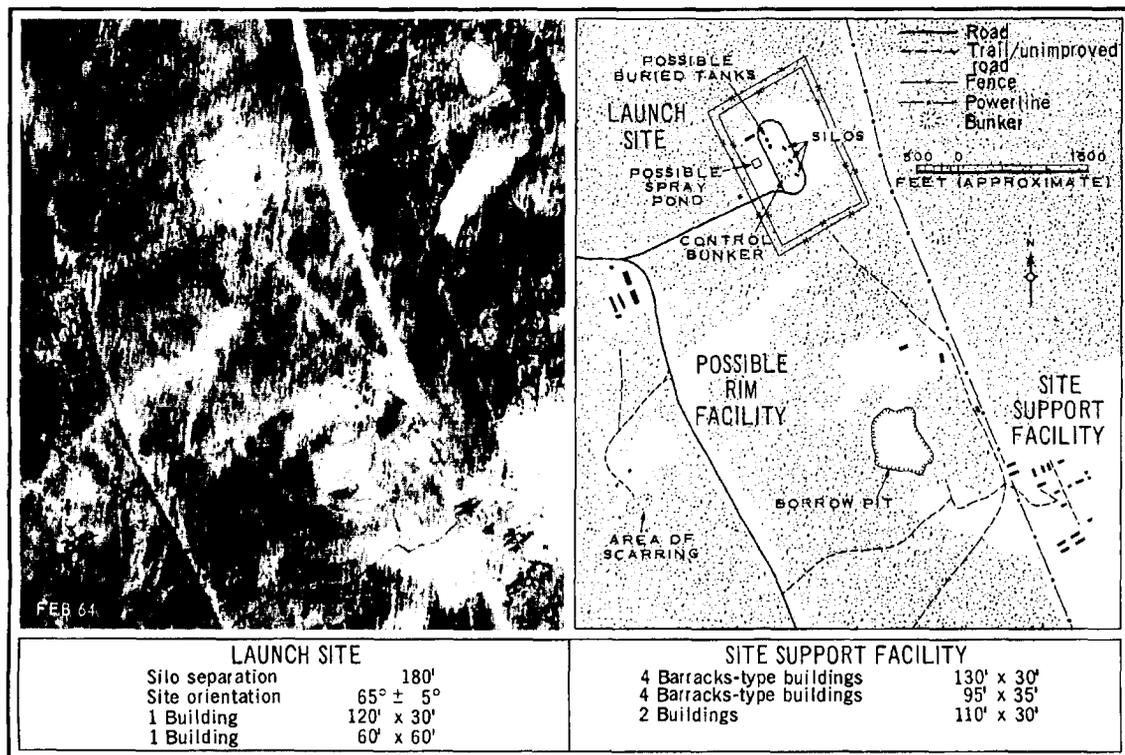


FIGURE 5. LAUNCH AREA B.

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2 possible buried tanks, and one building inside the fence, and one immediately outside are visible.

The site support facility is situated 5,100 feet south-southeast of the launch site and contains 8 barracks-type and 11 other buildings. At one time, in December 1962 [redacted] there were approximately 35 buildings here.

A possible RIM facility appears to be in an early stage of construction 4,000 feet southwest of the launch site. The area contains an access road with wide-radius turns, 2 small buildings, and an area of scarring and snow melt within which are several indeterminate objects. To the north is a small group of 6 buildings, 4 of them barracks-type, which is probably in support of the RIM facility.

LAUNCH AREA C

Launch Area C, located 7.15 nm north-northwest of the complex support facility (Figure 6), consists of a Type IIIA launch site, a site support facility, and a possible RIM facility. Construction of the site was first ob-

served in July 1962 [redacted] It can be negated on photography of April 1962 [redacted]. The site was in a midstage of construction in February 1964 [redacted]. The launch site is in a partially wooded

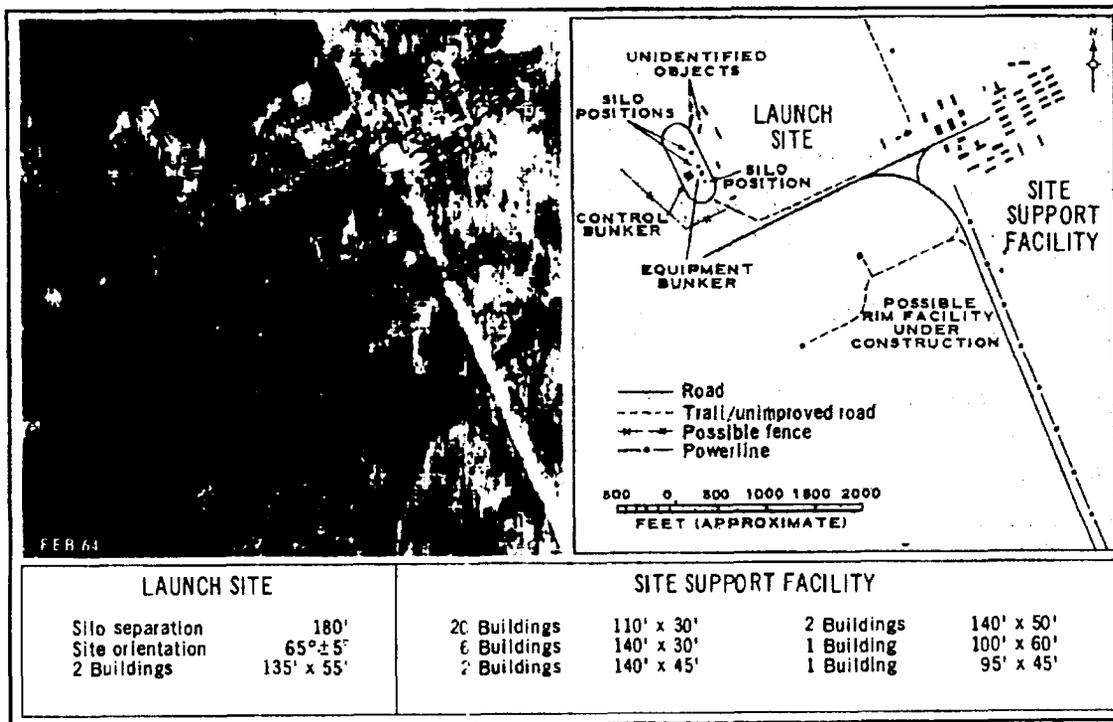


FIGURE 6. LAUNCH AREA C.

area, with a possible single security fence on two sides. The control bunker, one equipment bunker, and the launch silo positions can be discerned within the excavation, which has not yet been backfilled. Four structures and two unidentified objects are disposed along the eastern side of the site.

The site support facility is located approxi-

mately 3,400 feet east of the launch site, and contains 33 barracks-type buildings, a T-shaped messhall, and 16 miscellaneous structures.

A possible RIM facility under construction about 2,400 feet southeast of the launch site has an access road with wide-radius turns and two structures, one of which appears to be under construction.

LAUNCH AREA D

Launch Area D, located 10.3 nm northeast of the complex support facility (Figure 7), con-

sists of a completed Type IID launch site and a site support facility. It was first observed

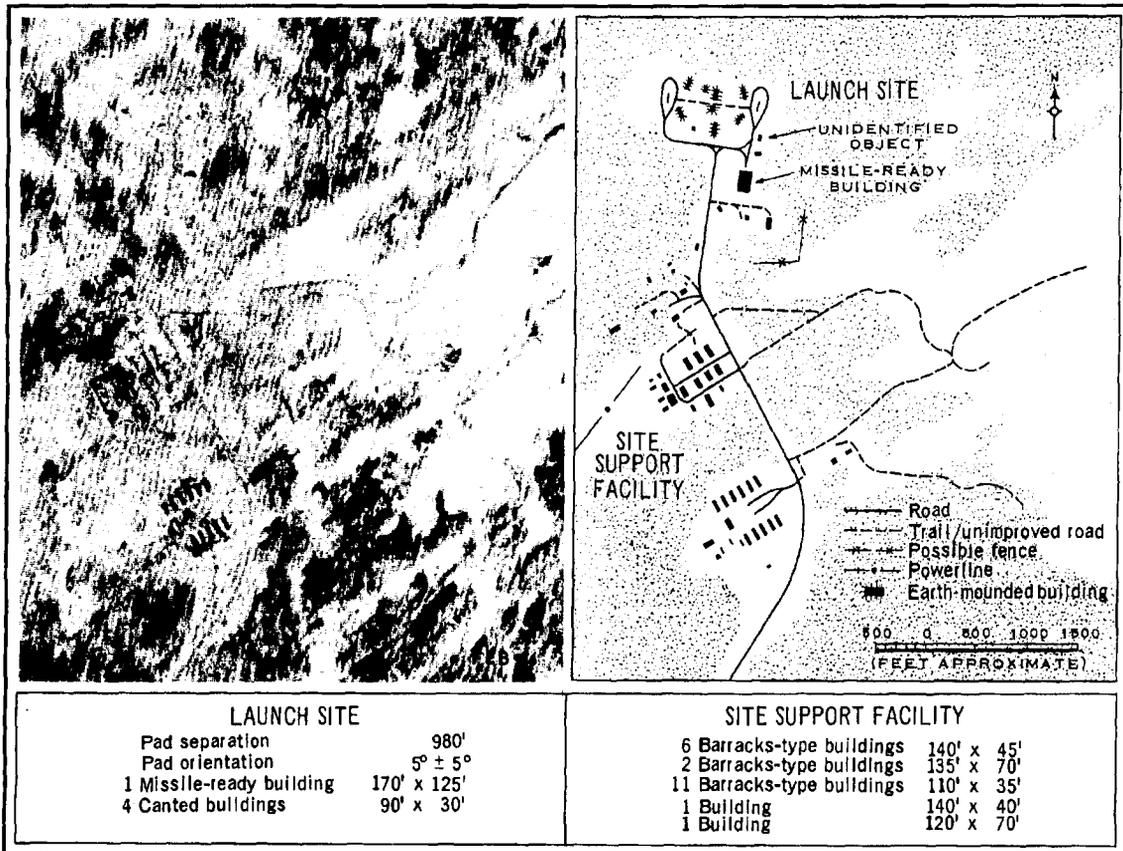


FIGURE 7. LAUNCH AREA D.

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in November 1962, [redacted] and can be negated on photography of September 1962 [redacted], when the complex main road was being extended from Launch Area A. Subsequent photography was of poor quality until February 1964 [redacted], by which time the site had been completed.

The launch site is in an area of light secondary growth. Only a suggestion of security fencing exists. An erector/shelter is apparent on each of the elongated pads. A single mis-

site-ready building is in line 800 feet to the rear of the right pad. Two earth-mounded canted buildings are adjacent to each pad. Five other buildings, four of them earth mounded, are present between the pads. One small structure and an unidentified object are present in front of the ready building, and three small structures, [redacted]

[redacted] lie immediately to its rear.

The site support facility is divided into two

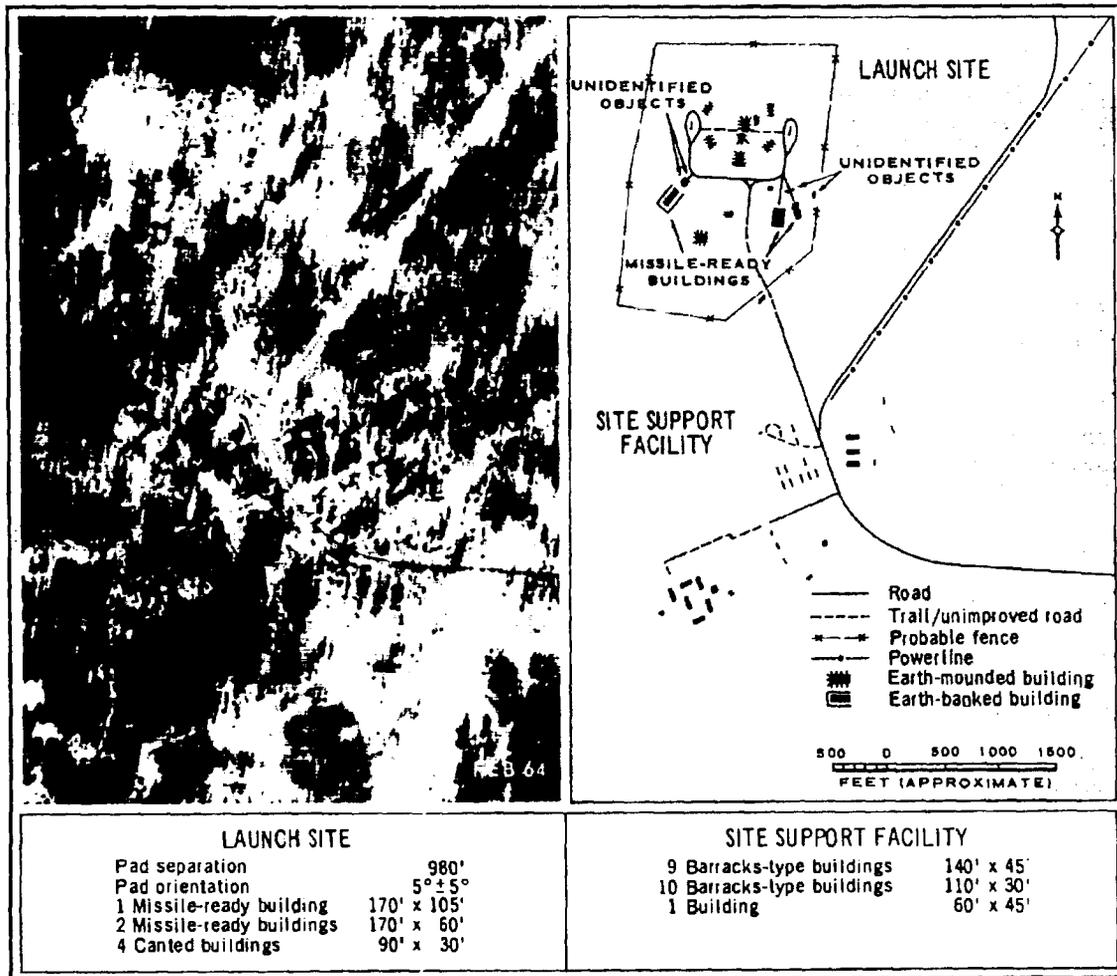


FIGURE 8. LAUNCH AREA E.

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groups of buildings, 2,750 and 4,600 feet south of the launch site, respectively. The nearest contains 6 barracks-type buildings and 19 other

buildings. The other has 11 barracks-type buildings and 11 other structures.

LAUNCH AREA E

Launch Area E, located 3.8 nm north of the complex support facility (Figure 8), consists of a completed Type IID launch site and a site support facility. Photography of December 1962 [redacted] negated the area, although a road existed at that time. Next observed in February 1964 [redacted], the site had been completed.

The launch site is in a wooded area and appears to be enclosed by a single security fence whose longest dimensions are 2,800 by 1,900 feet. An erector/shelter is evident on each of the elongated pads. Two missile-ready buildings are located 800 feet to the rear of the right pad. One is in line with the pad and the other is canted outward approximately 25 degrees. Another missile-ready building, earth banked and canted outward approximately 40

degrees, lies 800 feet to the rear of the left pad. Four earth-mounded canted buildings and four earth-mounded center buildings are present between the pads. A small building lies in front and to the left of the right ready buildings and at least two small buildings,

[redacted] are located on the left side of the access road between the ready buildings. There are two unidentified objects or group of objects in front of the right ready buildings, and two long slender unidentified objects in front of the left ready building.

The site support facility is located about 4,100 feet south of the launch site and consists of two groups of buildings including 19 barracks-type buildings and 9 miscellaneous structures.

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REFERENCES

PHOTOGRAPHY

Mission	Date	Pass	Camera	Frames	Classification
	Feb 64				TOP SECRET RUFF
	Feb 64				TOP SECRET RUFF
	Dec 63				TOP SECRET RUFF
	Jun 63				TOP SECRET RUFF
	Apr 63				TOP SECRET RUFF
	Dec 62				TOP SECRET RUFF
	Nov 62				TOP SECRET RUFF
	Sep 62				TOP SECRET RUFF
	Jul 62				TOP SECRET RUFF
	Jul 62				TOP SECRET RUFF
	Apr 62				TOP SECRET RUFF
	Dec 61				TOP SECRET RUFF

MAPS OR CHARTS

SAC. USATC, Series 200, Sheet 0162-5HL., 2d ed, Sep 62, scale 1:250,000 (SECRET)

REQUIREMENT

NPIC. PC 161-64

NPIC PROJECT

N-215,64