

Page Denied

Next 6 Page(s) In Document Denied

TOP SECRET

Copy **98**
14 Pages

12362
NPIC/R-205/64
March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

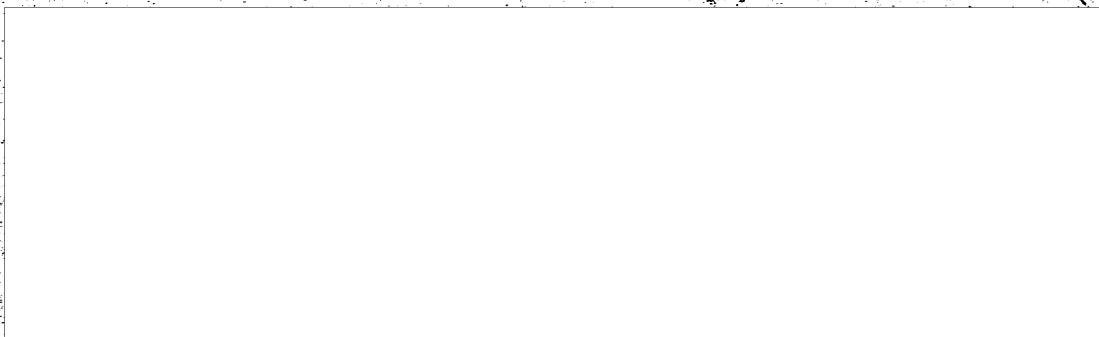
ICBM COMPLEX, TEYKOVO, USSR



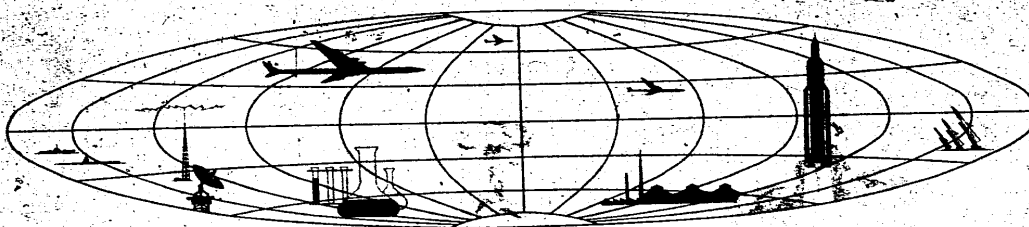
CIA



DIA



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

25X1

TOP SECRET CHESS RUFF

PHOTOGRAPHIC INTERPRETATION REPORT

ICBM COMPLEX, TEYKOVO, USSR

NPIC/R-205/64

March 1964

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

Launch Site A (TDI Site 1)	56-55N	40-27E
Launch Site B (TDI Site 2)	56-56N	50-33E
Launch Site C (TDI Site 3)	56-55N	40-17E
Launch Site D (TDI Site 4)	56-58N	40-40E
Launch Site E (TDI Site 5)	56-48N	40-11E
Launch Site F (TDI Site 6)	56-54N	40-32E
Launch Site G (TDI Site 7)	56-46N	40-02E

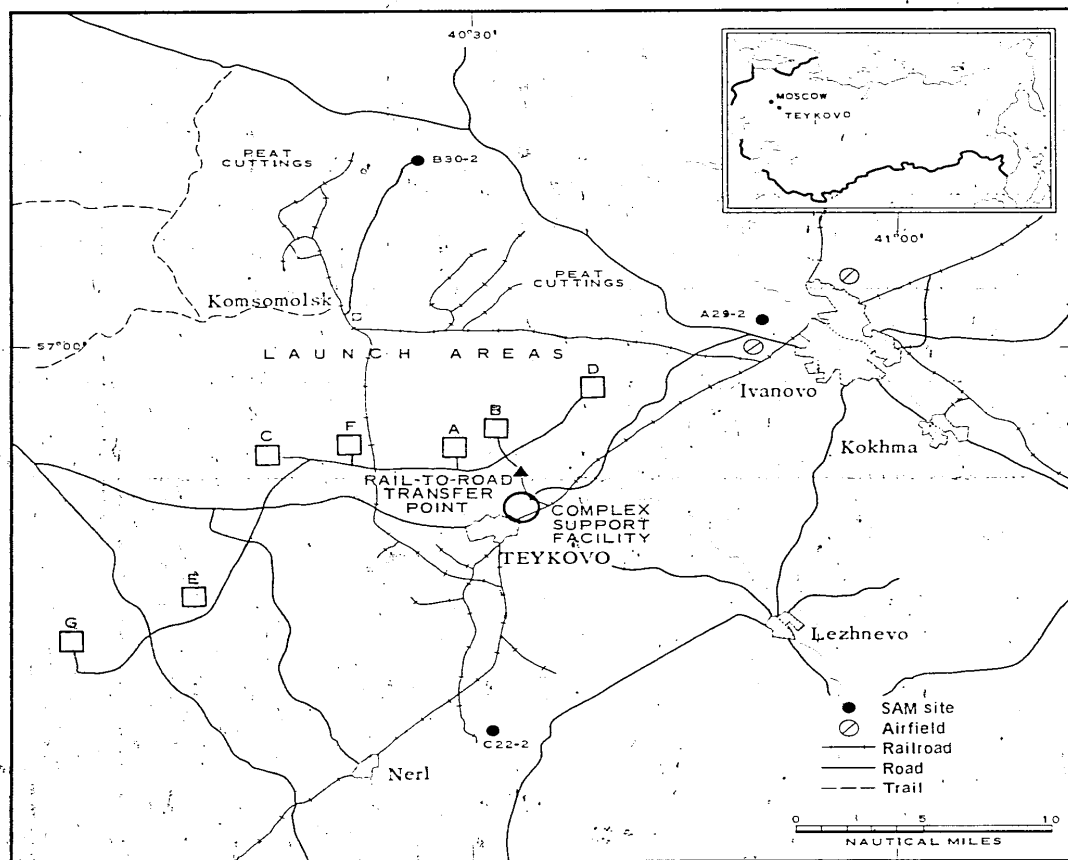


FIGURE 1. LOCATION OF TEYKOVO ICBM COMPLEX.

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

ICBM COMPLEX, TEYKOVO, USSR**INTRODUCTION**

The Teykovo ICBM Complex is located to the north and west of the town of Teykovo (Figure 1). It is situated in a generally forested area, interspersed with agricultural land. The terrain is level to slightly rolling, with an average elevation about 500 feet above sea level.

The complex consists of a complex support facility, a rail-to-road transfer point, and seven launch areas. Three of the launch areas are Type IIB and four are Type IID. Orientation of the launch sites is 295 degrees, plus or minus 5 degrees. Wide-radius turns are characteristic of the complex main road at the intersections of the access roads to the sites and within the launch areas.

The complex support facility and rail-to-road transfer point were present on photography of September 1961 [redacted]. They were not present on photography of August 1960 [redacted]. Subsequent missions revealed 2 launch areas in 1961, 2 in 1962, and the remaining 3 in 1963.

Four SA-2 SAM sites have been identified around the complex:

Ivanovo SAM Site A29-2, [redacted]
Ivanovo SAM Site B30-2, [redacted]
Ivanovo SAM Site C22-2, [redacted]
Teykovo ICBM Complex SAM Site B29-2, [redacted] (not shown).

COMPLEX SUPPORT FACILITY

The complex support facility (Figures 2 and 3) is located at 56-52N 40-35E, on the northeast outskirts of Teykovo. It is road and rail served, respectively, from the main road running east from Teykovo and a rail spur from the Teykovo-Ivanovo rail line. It was under construction when observed on KEYHOLE photography of September 1961 [redacted].

The support facility consists of a railhead and storage area, and two administration/housing areas.

The railhead and storage area, located just south of the southern administration/housing area, consists of four rail spurs over 400 feet apart and between 2,600 feet and 3,500 feet long and at least 12 buildings. There are 6 large

warehouse-type buildings, 2 concrete batch plants, and 6 smaller buildings of various sizes.

The northern part of the administration/housing area consists of approximately 30 buildings. The majority of these are barracks type. There is also a separately fenced rectangular building, function undetermined. The other part of the administration/housing area consists of about 50 buildings, 18 of these large barracks-type buildings. The remaining buildings are small barracks-type or administration/housing buildings. In addition there are two vehicle/equipment pools and a secured open storage area to the east of the administration/housing area. There is extensive track activity in the vicinity of these secured areas.

- 1 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64



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

SEP 63
NPIC H-8476 (3/64)

- 2 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

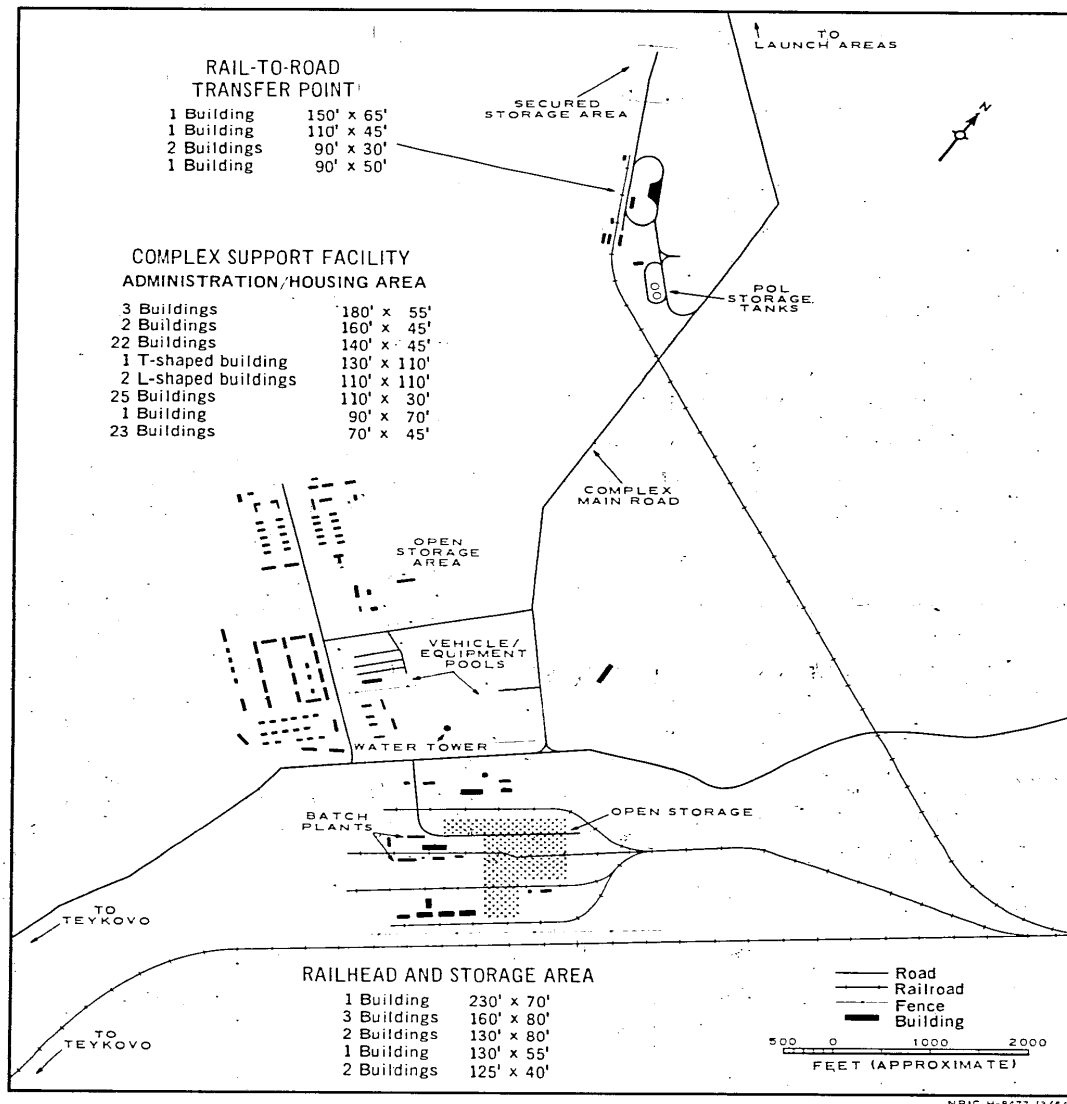


FIGURE 3. LAYOUT OF COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT.

- 3 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

RAIL-TO-ROAD TRANSFER POINT

The rail-to-road transfer point (Figures 2 and 3) is located at 56-54N 40-34E, 2.1 nm north-northeast of the complex support facility. It is surrounded by woods, obscuring possible security measures.

The transfer point is a completed loop type which was first seen on photography of September 1961 [redacted]. It was under construction at that time. As of September 1963 [redacted] the facility consisted of 4 warehouse-type build-

ings, a large concrete hardstand, 3 smaller buildings, and 2 large POL storage tanks. A well-engineered road with characteristic wide-radius turns joins the complex main road.

A secured storage area is located just north of the transfer point. It is undetermined whether or not the rail line extends into it. The road, however, enters this area. Because of dense foliage it is not determined if any buildings are present in this area.

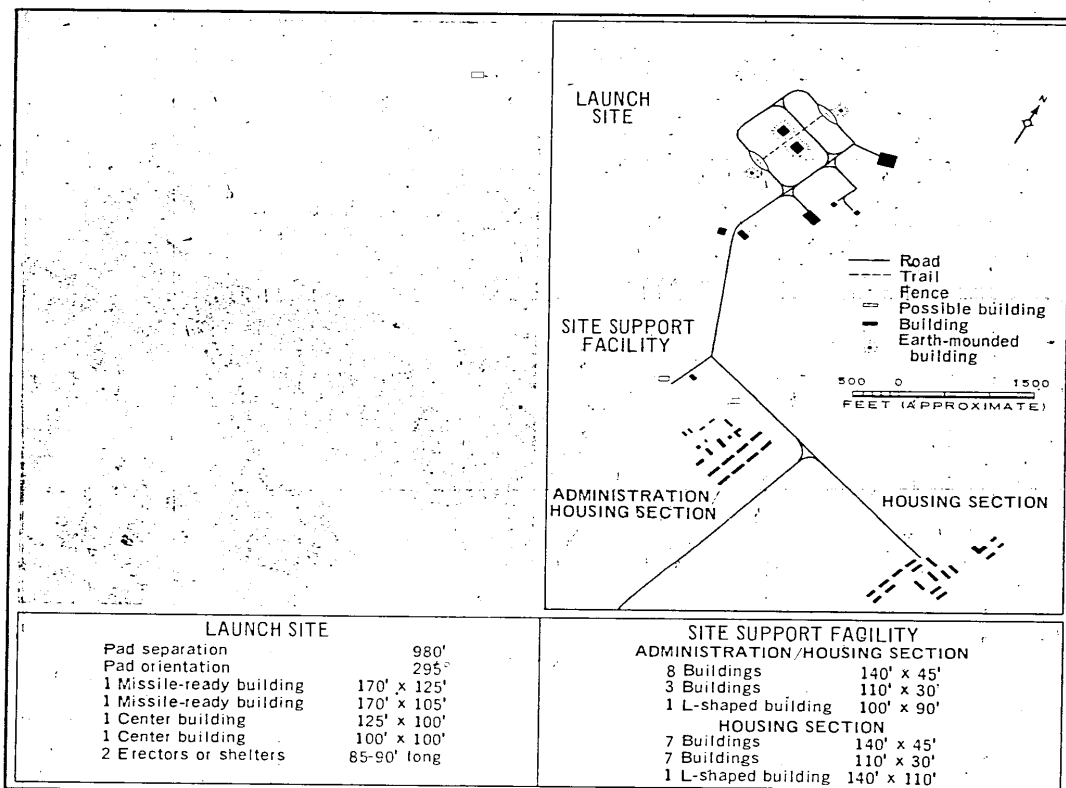


FIGURE 4. LAUNCH AREA A.

- 4 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

LAUNCH AREA A

Launch Area A (Figure 4) consists of a completed Type IIB launch site and a site support facility. It is located in a wooded area 5.3 nm northwest of the complex support facility. The site was under construction in December 1961 [] and can be negated on photography of August 1960 []

The launch site was considered complete in April 1962 []. It is situated in a cleared area enclosed by a double security fence. An erector or shelter is apparent on each launch pad, and a missile-ready building is located 700 feet behind each pad. The left building is in line with the long axis of the pad and the right building is canted out about 25 degrees. There are two other buildings to the left of the center service road. The more northerly building appears to be earth mounded.

Two earth-mounded buildings, one outboard of each pad, and two small structures between

the ready buildings and at the rear of the site

The site support facility consists of an administration/housing section and a housing section. The administration/housing section is located approximately 4,000 feet south-southeast of the launch site. It contains 8 large barracks-type buildings, one L-shaped building, 4 smaller barracks-type buildings, and 8 other buildings of various sizes. The housing section is located 6,000 feet southeast of the launch site and contains 14 large barracks-type buildings, one L-shaped building, and 3 small buildings. It appears that five small barracks-type buildings have been removed since April 1962 []

Two buildings are located on the access road just before this road enters the launch site. The larger of the two buildings probably is a security building.

LAUNCH AREA B

Launch Area B (Figure 5) consists of a completed Type IIB launch site and a site support facility. It is located in a wooded area 4.2 nm north of the complex support facility and was first seen on photography of December 1961 []. It can be negated on photography of August 1960 []

The launch site was considered complete in April 1962 []. It is situated in a clearing and enclosed by a double security fence. An erector or shelter is apparent on each launch pad, and a missile-ready building is located behind each pad. The left building is in line with the long axis of the pad and the right building is canted out about 25 degrees.

Four buildings are located in line to the left of the center service road. The center two appear to be earth mounded. []

The site support facility consists of an administration/housing section, a housing section, and a probable technical section located on the north edge of the support facility. This probable technical section has roads with wide-radius turns and consists of three buildings.

The administration/housing section and the housing section are divided by the access road.

- 5 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

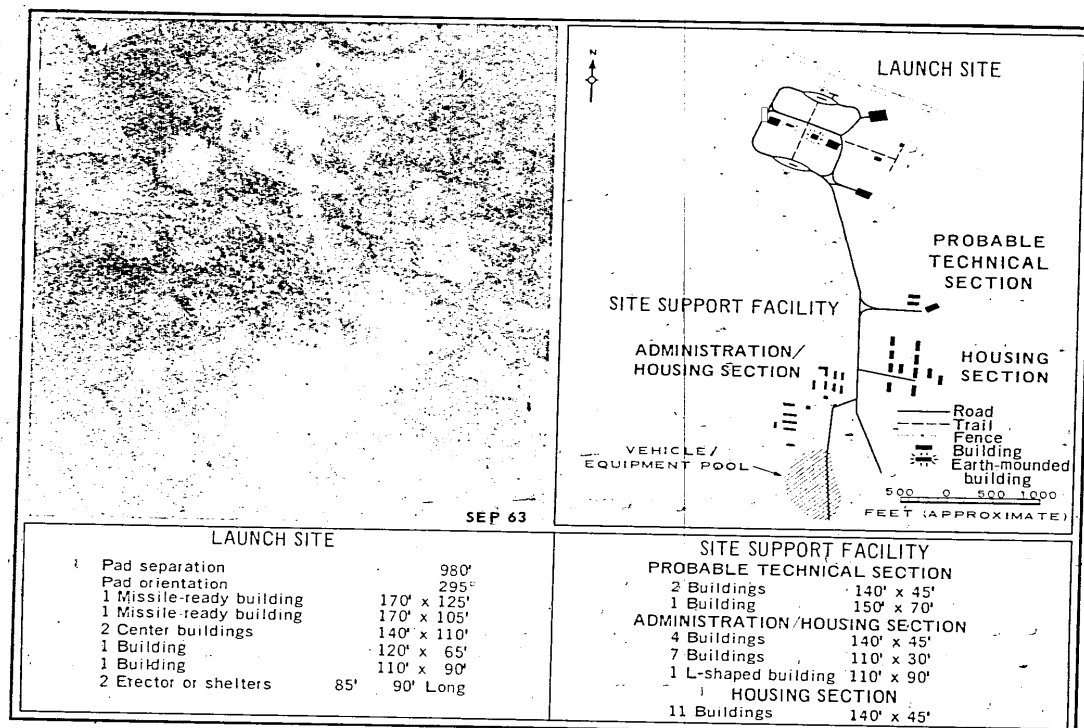


FIGURE 5. LAUNCH AREA B.

NPIC H-8479 (3/64)

The housing section consists of 11 large barracks-type buildings. The administration/housing section contains 11 barracks-type buildings, one L-shaped building, and 3 small buildings.

There is also a small vehicle/equipment pool associated with the section to the left of the access road.

LAUNCH AREA C

Launch Area C (Figure 6) consists of a completed Type IIB launch site and a site support facility. It is located in a wooded area 10.4 nm west-northwest of the complex support facility. It was first seen on photography of March

1962 [redacted], can be negated on photography of December 1961 [redacted], and was considered complete in June 1963 [redacted]

The launch site is located in a clearing and security measures are not evident. An erector

- 6 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

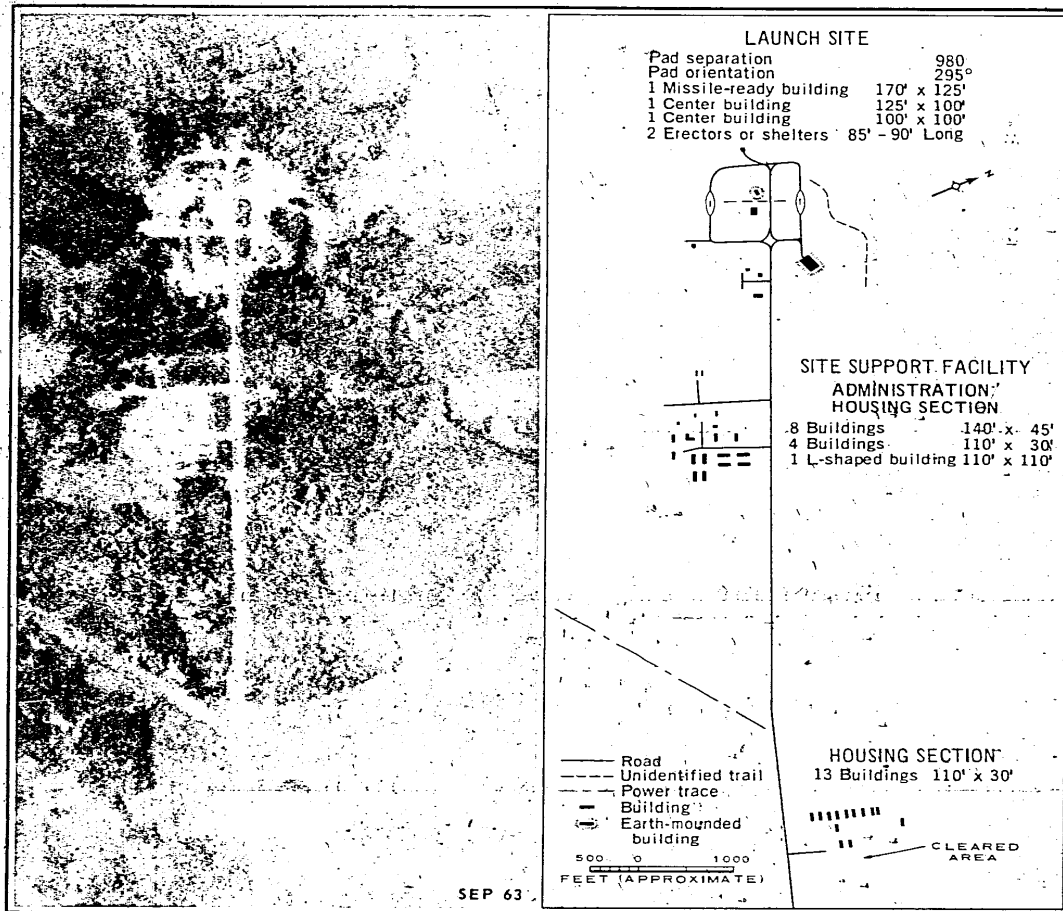


FIGURE 6. LAUNCH AREA C.

tor or shelter is apparent on each launch pad and a missile-ready building is located 600 feet behind the right pad. This building appears to be earth mounded and is canted out about 25 degrees off the long axis of the pad.

There are two buildings located to the left of the center service road and the western building appears to be earth mounded. A building is located at the forward edge of the site and another to the left behind the left pad.

- 7 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205 '64

The site support facility consists of two parts. An administration housing section, located 3,000 feet southeast of the launch site, contains 8 large barracks-type buildings, 4

smaller barracks-type buildings, one L-shaped building and 6 others of various sizes. A separate housing section located approximately 8,000 feet east-southeast of the launch site contains 13 small buildings. There is also a cleared area adjacent to this section.

LAUNCH AREA D

Launch Area D (Figure 7) consists of a Type IID launch site in a late stage of construction and a site support facility located in a wooded area 6.7 nm northeast of the complex support facility. It was first seen on photography of November 1962 [redacted] and can be negated on photography of April 1962 [redacted]

The launch site is located in a clearing and security fencing is not evident. The area

of the pads has been cleared but no actual pads are apparent. There are two canted buildings inboard of each pad clearing and two center buildings. A missile-ready building is behind the left pad clearing. This building is canted in approximately 25 degrees off the long axis of the launch pad clearing. Construction activity is apparent at the site.

The site support facility is located 2,000 feet south of the launch site and contains two

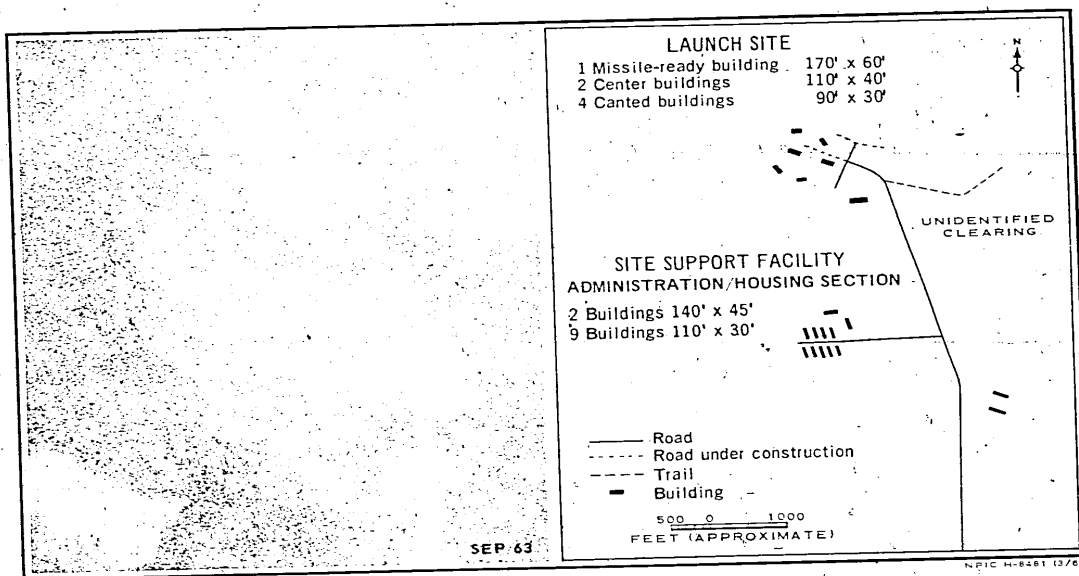


FIGURE 7. LAUNCH AREA D.

- 8 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

large and nine small barracks-type buildings in the administration housing section. A cleared area is located 4,000 feet southeast of the launch site and probably will become a part of the site

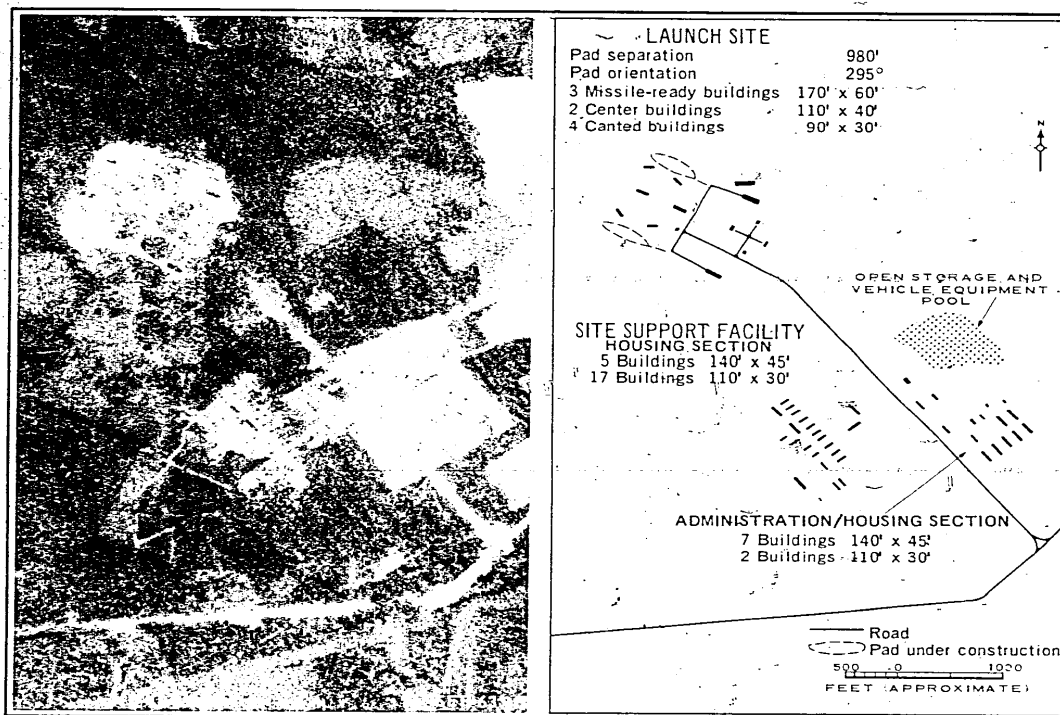
support facility. Here only two buildings are evident. There also is an unidentified clearing 3,000 feet east of the launch site.

LAUNCH AREA E

Launch Area E (Figure 8) consists of a Type IID launch site in a late stage of construction and a site support facility. It is located in a wooded area 13.4 nm southwest of the complex support facility. It was first seen on photog-

raphy of June 1963 [] and can be negated on photography of October 1962 []

The launch site is situated in a clearing and security fencing is not evident. The pads



- 9 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

are under construction. Four canted buildings and two center buildings are present. Three missile-ready buildings are present, one in line 700 feet behind the left pad and two 700 feet behind the right pad. Here the outboard one is canted out approximately 25 degrees and the inboard is in line. There is a small probable construction building to the left rear of the site.

A small security building is present on the access road behind the site.

The site support facility is located 4,000 feet southeast of the launch site and is divided by the access road. The housing section to the left contains 5 large barracks-type buildings and 17 smaller barracks-type buildings. The area to the right of the access road contains 7 large barracks-type buildings, 2 smaller barracks-type buildings, and 2 others, possibly administrative. There is also an open storage area and vehicle/equipment pool to the north of this group of buildings.

LAUNCH AREA F

Launch Area F (Figure 9) consists of a Type IID launch site in the midstage of construc-

tion and a site support facility. It is located in a wooded area 7.4 nm northwest of the complex

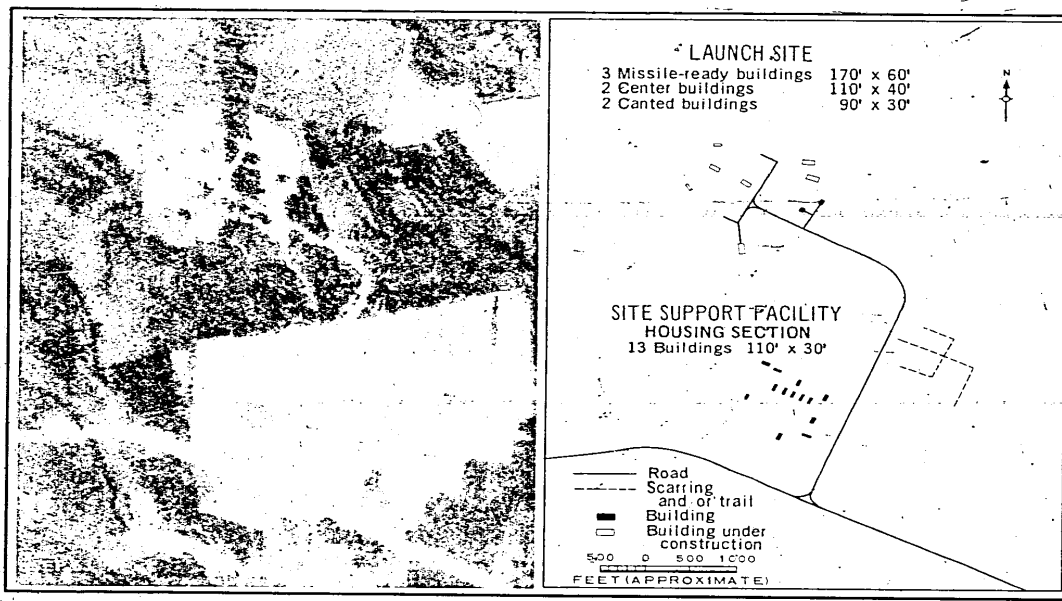


FIGURE 9. LAUNCH AREA F.

- 10 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

support facility. It was first seen on photography of September 1963 [] and can be negated on photography of June 1963 []

right inboard ready building is in line 700 feet behind the pad clearing while the right outboard is canted approximately 20 degrees outward.

The launch site is situated in a clearing but security fencing is not evident. The launch pad area has been cleared but there is no evidence of the pads. The two forward canted buildings are present and under construction but the rear ones are not. The center buildings are under construction, as are three ready buildings. The one 700 feet behind the left pad clearing is canted out approximately 60 degrees off the long axis of the launch pad clearing and the

The site support facility is located approximately 3,000 feet south of the launch site. The area to the left of the access road contains 12 small barracks-type buildings and one other building. Scarring is apparent in the area on the right. This is probably for a new road pattern which will form an additional part of the support facility.

LAUNCH AREA G

Launch Area G (Figure 10) consists of a Type IID launch site and a probable site support facility in an early stage of construction.

It is located in a wooded area 19.1 nm southwest of the complex support facility. It was first seen on photography of September 1963

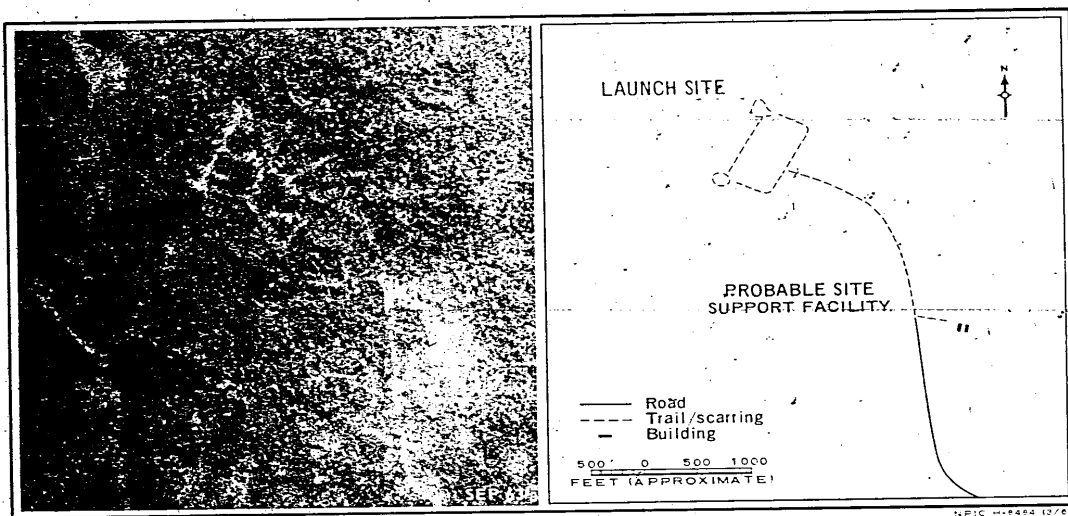


FIGURE 10. LAUNCH AREA G.

- 11 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-205/64

[redacted] and can be negated on photography of October 1962 [redacted]

The launch site had not been completely cleared in September 1963; all that was visible was the outline of the site. No buildings were

apparent in the launch site. The access road had not been improved.

The probable site support facility is located approximately 3,500 feet southeast of the launch site. Only two buildings are visible.

REFERENCES

25X1
25X1
25X1

25X1

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0154-19A, 1st ed, Dec 58, scale 1:200,000 (SECRET)

RELATED DOCUMENTS

NPIC. R-125 62, ICBM Launch Complex, Tsykovo, USSR, Aug 62 (TOP SECRET CHESS RUFF)

AFIC. PIR T-117 62, Logistics Support, Tsykovo, ICBM Complex, Sep 62 (TOP SECRET RUFF)

CIA. RR EM KH 62-1, Rail-Served Support Facility for Second Generation ICBM Launch Complexes, Apr 62 (TOP SECRET CHESS RUFF)

REQUIREMENT

NPIC. PC 506-63 (partial answer)

NPIC PROJECT

J-368 63 (partial answer)

- 12 -

TOP SECRET CHESS RUFF