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September 1962

PHOTOGRAPHIC INTERPRETATION REPORT

ICBM LAUNCH COMPLEX

KOZEL'SK, USSR

ARMY NAVY [redacted] FORCE CIA

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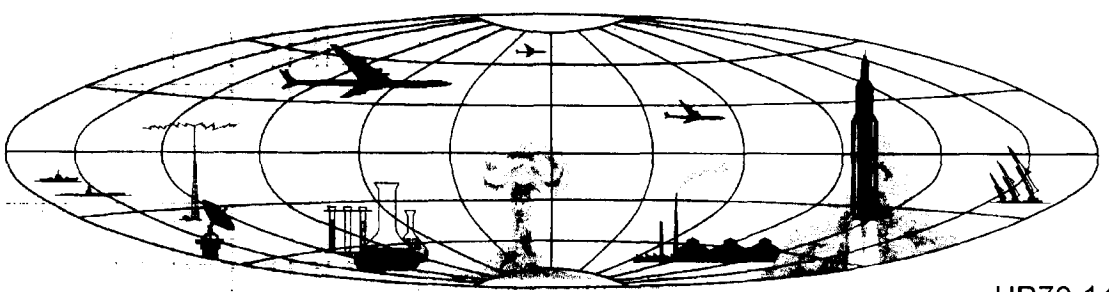

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ICBM LAUNCH COMPLEX, KOZEL'SK, USSR

An ICBM launch complex under construction has been identified 5.5 nautical miles (nm) south-southeast of the town of Kozel'sk (Figure 1) and adjacent to the single-track rail line connecting Kozel'sk with the double-track line from Moscow to Orel at Gorbachevo. The launch complex is approximately 125 nm south-southwest of Moscow and 140 nm east-southeast of Smolensk.

The complex is in an early stage of construction and includes a rail-served complex support facility and three road-served launch areas, probably Tyumen' type, designated A, B, and C. No rail-to-road transfer point or SAM defenses were noted; however, the entire area has not been seen, because of incomplete coverage on [redacted] and heavy cloud cover on [redacted] Therefore, additional facilities may or may not be present. The only previous coverage of this area was on KEYHOLE [redacted] July 1961), which was extremely small scale, hazy, and very dark, thus precluding confirmation or negation of the existence of this launch complex at that time.

COMPLEX SUPPORT FACILITY

The Complex Support Facility is situated 5.5 nm south-southeast of Kozel'sk at 53-57N 35-48E (Figure 2). It consists of possibly four parallel rail spurs 3,000 to 4,000 feet in length and an indeterminate number of buildings. An unidentified ground scar running westward from the north end of the facility may be the early construction stage of a rail-to-road transfer point. Extremely small scale, haze, and poor image quality preclude interpretation of further details of this installation, although sufficient constructional characteristics are evident to render positive

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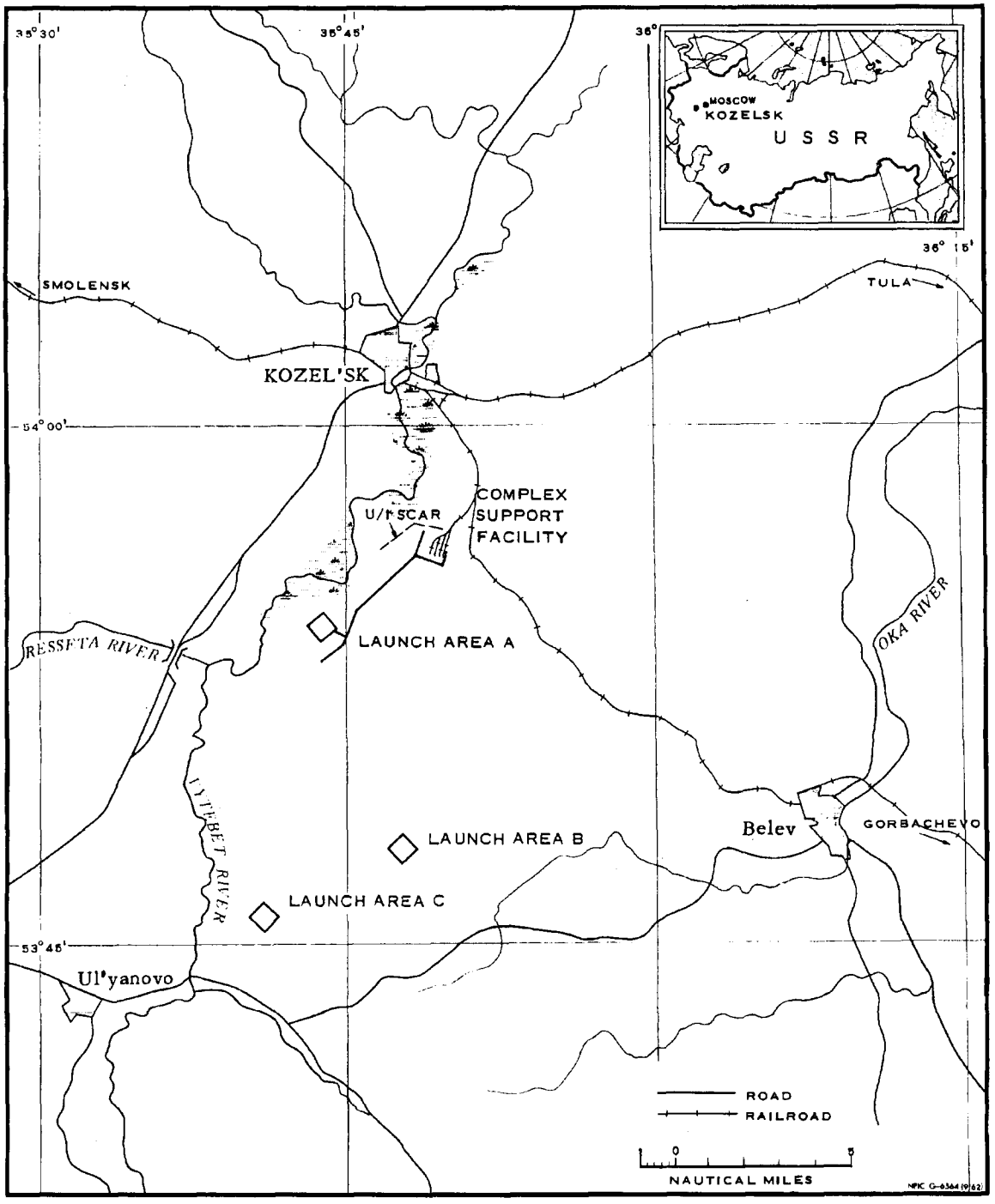

FIGURE 1. AREA ORIENTATION MAP.

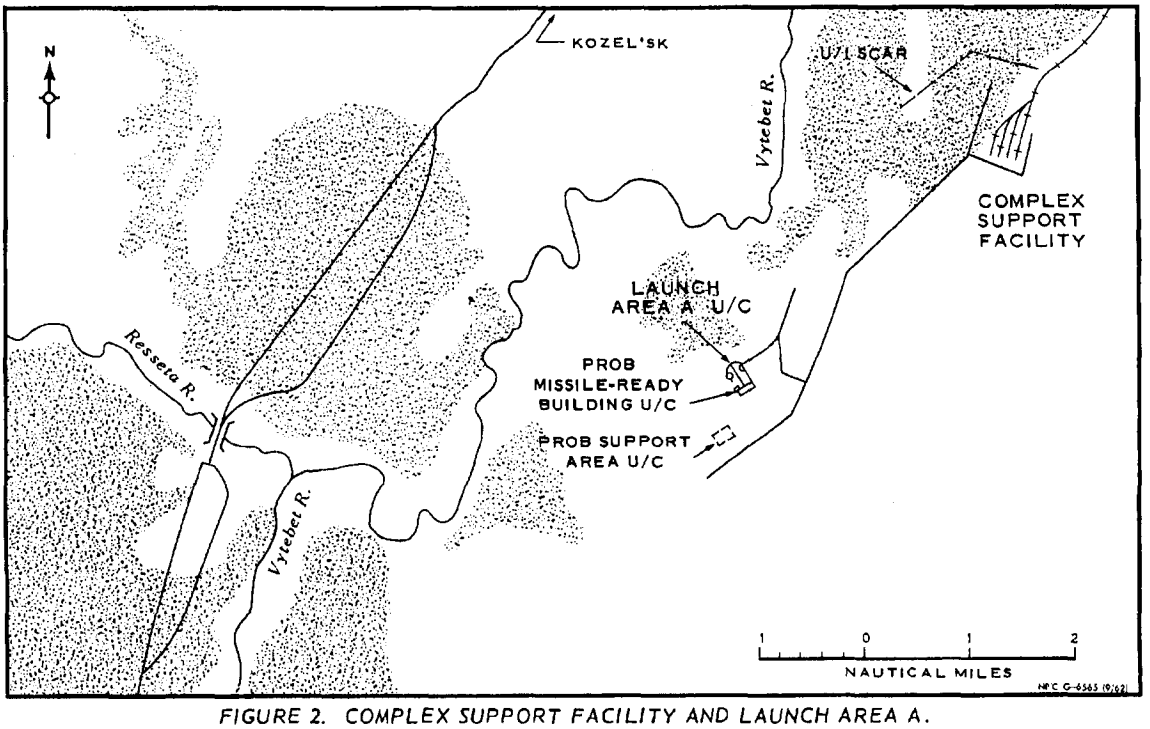

FIGURE 2. COMPLEX SUPPORT FACILITY AND LAUNCH AREA A.

identification. Connection of the north end of the rail spurs with the main line has not been seen, as this area is beyond the limits of photographic coverage, but may logically be assumed. There is no discernible evidence of security fencing.

LAUNCH AREA A

Launch Area A is situated in a partly forested area 3.5 nm south-southwest of the Complex Support Facility at 53-54N 35-44E, on the north side of a road running southwestward from the Complex Support Facility (Figure 2). The road pattern within the launch area is not clearly defined but suggests that this launch area will be of the Tyumen'-type with two launch pads having a pad separation of approximately 870 feet. Ground scarring at the northwest end of the road pattern indicates the positions

of the pads under construction. A probable ready building also is under construction approximately 1,000 feet southeast of the western pad. A probable support area of at least four buildings lies 4,000 feet southwest of the launch area. This launch area is in an early-to-middle stage of construction and is the furthest advanced in the complex. It was identified
25X1 on [redacted] when Launch Area B was in evidence, and Launch Area C was nonexistent. Service roads to the launch area are probably not complete. Pad orientation is on an azimuth of 295 degrees, plus or minus 5 degrees.

LAUNCH AREA B

Launch Area B is situated in a forested area 9 nm south of the Complex Support Facility at 53-48N 35-47E (Figure 3). Except for short segments, service roads connecting this installation with other elements of the launch complex have not been seen; therefore alignment and pattern have not been determined. Access to the complex support facility, however, will probably be from the west, in the vicinity of Launch Area C. The road pattern in the launch area is not complete, but existing alignment indicates a Tyumen'-type configuration with two launch pads under construction having a pad separation of approximately 870 feet. Two ready buildings, at the present stage of construction measuring approximately 105 by 70 feet, are 1,000 feet southeast of the pads. Two support areas lie 2,000 feet and 4,000 feet south of the launch area. The northern area contains 8 buildings 140 by 45 feet and 3 smaller buildings; and the southern area contains 11 buildings 140 by 45 feet. The launch area is in an early stage of construction. Pad orientation is on an azimuth of 295 degrees, plus or minus 5 degrees. A plus configuration, each leg of which is 330 feet, is approximately 1,700 feet northeast of the northeast launch pad. This area, which is considered a possible guidance facility, is similar to those at launch areas A, B, and C of the Tyumen' complex.

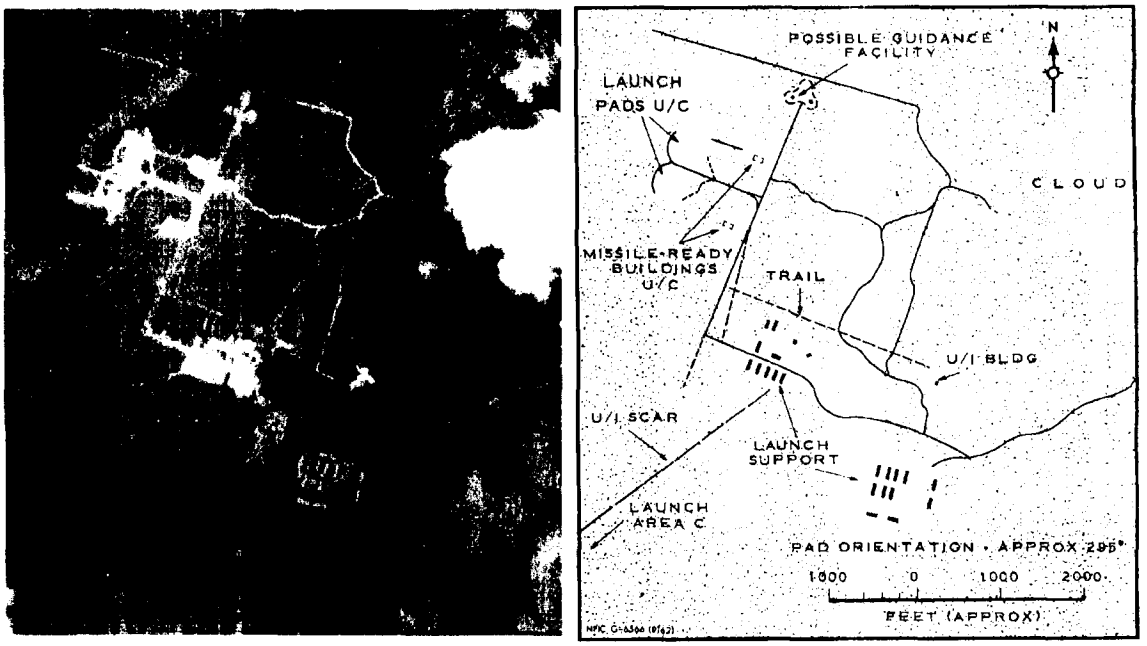

FIGURE 3. LAUNCH AREA B.

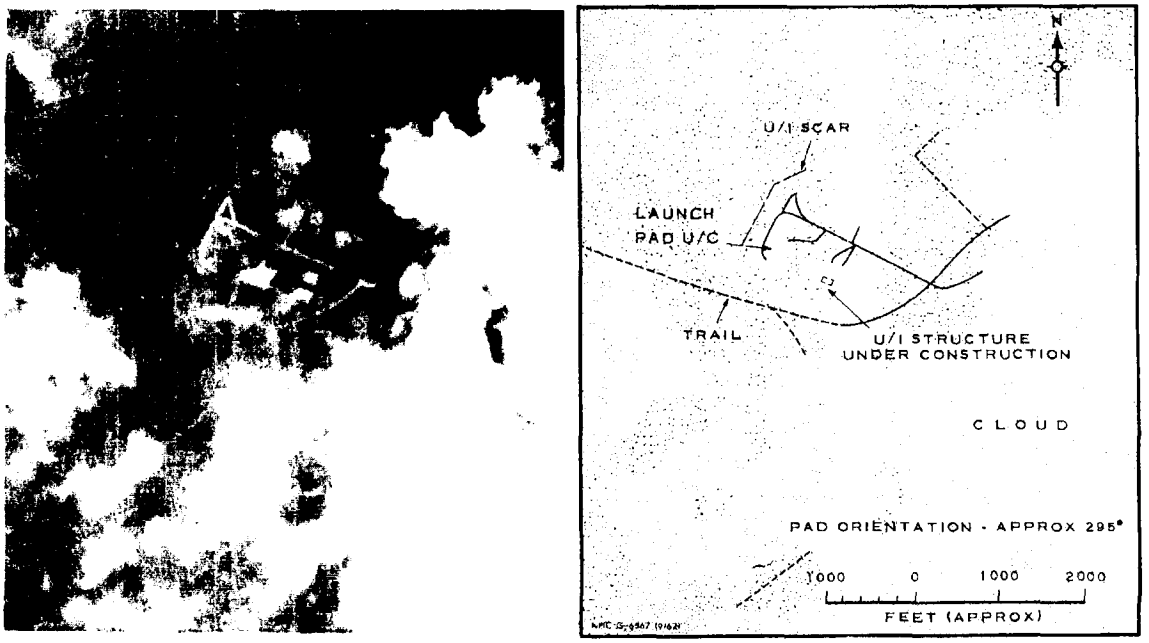

FIGURE 4. LAUNCH AREA C.

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LAUNCH AREA C

Launch Area C is situated in a forested area 11 nm south-southwest of the Complex Support Facility at 53-46N 35-41E (Figure 4). An unimproved road runs generally eastward and westward from the launch area but the alignment and activities to which it runs have not been determined, because of clouds and cloud shadow. The launch area is in a very early stage of construction but is apparently a Tyumen'-type with only one pad under construction at the time of this photography. The center access road with its characteristic loop terminates at a ground scar which is a launch pad under construction. Approximately 600 feet southeast of the launch pad is an unidentified structure 130 by 100 feet. This structure is not in direct alignment with the pad, but is offset toward the center road. An unidentified ground scar 1,000 feet long lies just west of the launch area. Support areas or evidence of security measures have not been observed. Pad orientation is on an azimuth of 295 degrees, plus or minus 5 degrees.

REFERENCES

PHOTOGRAPHY

Mission	Date	Pass	Camera	Frames	Classification
	Apr 62				TOP SECRET RUFF
	Jul 62				TOP SECRET RUFF
	Jul 61				TOP SECRET RUFF
					TOP SECRET RUFF

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0167-14A, 1st ed, Nov 58, scale 1:200,000 (SECRET)

RELATED DOCUMENTS

NPIC. R-80/62, Mensural Data on Missile-Ready Buildings at Soviet ICBM Launch Facilities, May 62 (TOP SECRET CHESS RUFF)

NPIC. R-110/62, ICBM Launch Complex, Tyumen', USSR: Changes Since April 1962, Jul 62 (TOP SECRET CHESS RUFF)

REQUIREMENT

CIA. DDI/RR/E/R-80/62

NPIC PROJECT

JN 172/62