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basic imagery interpretation report

Selected Missile Support Rear Depots (S)

Deployed Strategic SSM Facilities

BE: Various
USSR

Secret

WNINTEL

Z-20058/80
RCA-01/0006/80
SEPTEMBER 1980
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INSTALLATION OR ACTIVITY NAME					COUNTRY
Selected Missile Support Rear Depots					UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NO.	COMIREX NO.	NIETB NO.
NA	See below	See below	See below	See below	See below

MAP REFERENCE

SAC. USATC; Series 200; Sheets 0233-12, 0156-23, 0155-15, 0168-19, 0166-3, and 0165-10; scale 1:200,000

LATEST IMAGERY USED	NEGATION DATE (If required)
See "Abstract"	NA

Installation Name	Geographic Coordinates	Category	BE No	COMIREX No	NIETB (MRN) No
Berdichev Missile Support Rear Depot	49-56-29N 028-17-41E				
Bobrovskiy Missile Support Rear Depot	56-40-49N 061-05-52E				
Glazov Missile Support Rear Depot	57-51-26N 053-16-30E				
Novaya Mezinovka Missile Support Rear Depot	53-30-36N 026-55-34E				
Surovatikha Missile Support Rear Depot	55-43-00N 043-52-10E				
Tambov Missile Support Rear Depot	52-27-24N 041-27-54E				
Alkino Missile Support Rear Depot	54-39-30N 055-35-37E				

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ABSTRACT

1. (S/D) The seven missile support rear depots—Berdichev, Bobrovskiy, Glazov, Novaya Mezinovka, Surovatikha, Tambov, and Alkino—have remained basically unchanged since 1973. With the exception of two SS-4 propellant transporters, no missile equipment has been observed at Alkino since 1975. As of June 1980, elements of ground forces units were housed at this facility, which probably no longer serves as a missile support rear depot. Two of the depots, Glazov and Novaya Mezinovka, have been involved in a modification program for the SS-11 missile system since 1973. At Novaya Mezinovka, three SS-20 single-bay garages were observed in a secluded portion of the facility in the spring of 1977. Dismantlement of SS-4, SS-5, and SS-7 missiles has been observed at Berdichev as well as the dismantlement of SS-7 missile airframes at Surovatikha. Probable SS-20 missile canister dollies were identified at Bobrovskiy.

2. (S/D) This report updates information contained in a 1969 NPIC basic report, [redacted] and in subsequent individual basic reports. A location map and annotated photographs of each facility are included in this report. The information in this report is current through June 1980, the date of the last imagery used.

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BASIC DESCRIPTION

3. (S/D) The seven missile support rear depots (Figure 1) are similar in design, and each contains two main areas—storage and maintenance and housing and support. This report updates information contained in a 1969 NPIC basic report and in subsequent individual basic reports.[1-6]

4. (S/D) The storage and maintenance area contains a storage area with a series of rail- or road-served drive-in or drive-through buildings, some of which are revetted; a repair or maintenance area with large high-bay, drive-through buildings; a vehicle storage area with large, low-pitched gable-roofed buildings; and a rail distribution system.

5. (S/D) The housing and support area of each facility is adjacent to the storage and maintenance area and is a self-sufficient community with family housing, commissaries, quarters for troops, schools, heating plants, motor pools, administration buildings, and recreational facilities.

Berdichev Missile Support Rear Depot

6. (S/D) The Berdichev Missile Support Rear Depot (Figure 2) is approximately 450 nautical miles (nm) southwest of Moscow and 11.5 nm west-northwest of Berdichev. The facility was first observed in June 1961. MRBM- and IRBM-associated equipment was first observed in March 1965. No major changes have been made to the depot since the previous report.[1]

7. (S/D) Dismantlement of SS-4, SS-5, and SS-7 missiles and type IIIX launch control capsules has been observed at this missile support rear depot. Dismantled SS-7 missile components (Figure 3) have been observed since late 1977, type IIIX launch control capsules have been observed since 1979, and dismantled SS-5 missile components have been observed since January 1980. Two type IIIX launch control capsules were dismantled between [redacted] four type IIIX launch control capsules and components of a previously dismantled control capsule were in the disassembly area. The four control capsules (Figure

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4) seen in the disassembly area on [redacted] will probably be dismantled in the near future. It is estimated that at least 17 SS-4 missiles were dismantled between September 1979 and January 1980 and that at least five SS-5 missiles were dismantled between January and March 1980 (Figure 4). Thirteen unidentified missile airframes were in the disassembly area on [redacted] These airframes had been removed or dismantled by [redacted] Mensuration of these unidentified missile airframes was not conclusive; therefore, analysis will continue in an effort to accurately identify them. 25X1 25X1 25X1

Bobrovskiy Missile Support Rear Depot

8. (S/D) The Bobrovskiy Missile Support Rear Depot (Figure 5) is 16 nm southeast of Sverdlovsk and 800 nm east of Moscow. The facility was first observed in January 1956. No major changes have been made to the facility since the previous report.[3]

9. (S/D) Probable SS-20 canister dollies were observed at the depot on three occasions—in April and August 1976 and in September 1977. A probable SS-20 missile canister was in the missile components receiving, inspection, and maintenance area and in the storage area from November 1977 until mid-May 1980.

Glazov Missile Support Rear Depot

10. (S/D) The Glazov Missile Support Rear Depot (Figure 6) is 25 nm southeast of Glazov on the Trans-Siberian Railroad. The facility was first observed in June 1961 and was operational at that time.

11. (S/D) There have been no significant physical changes to this facility except in the SS-11 missile modification area where several small support structures have been added. The large multilevel maintenance building is now rail served.

12. (S/D) SS-11 modification activity was identified in 1973[2] when SS-11 missile sections and canisters were observed near both of the large maintenance-type buildings in the SS-11 modification area. Observations of SS-11 missile canisters continued to be seen in this area throughout the reporting period, indicating that missiles were being modified and probably recycled back to operational silos.[7] Similar activity has been observed at Novaya Mezinovka Missile Support Rear Depot.

(Continued p. 8)

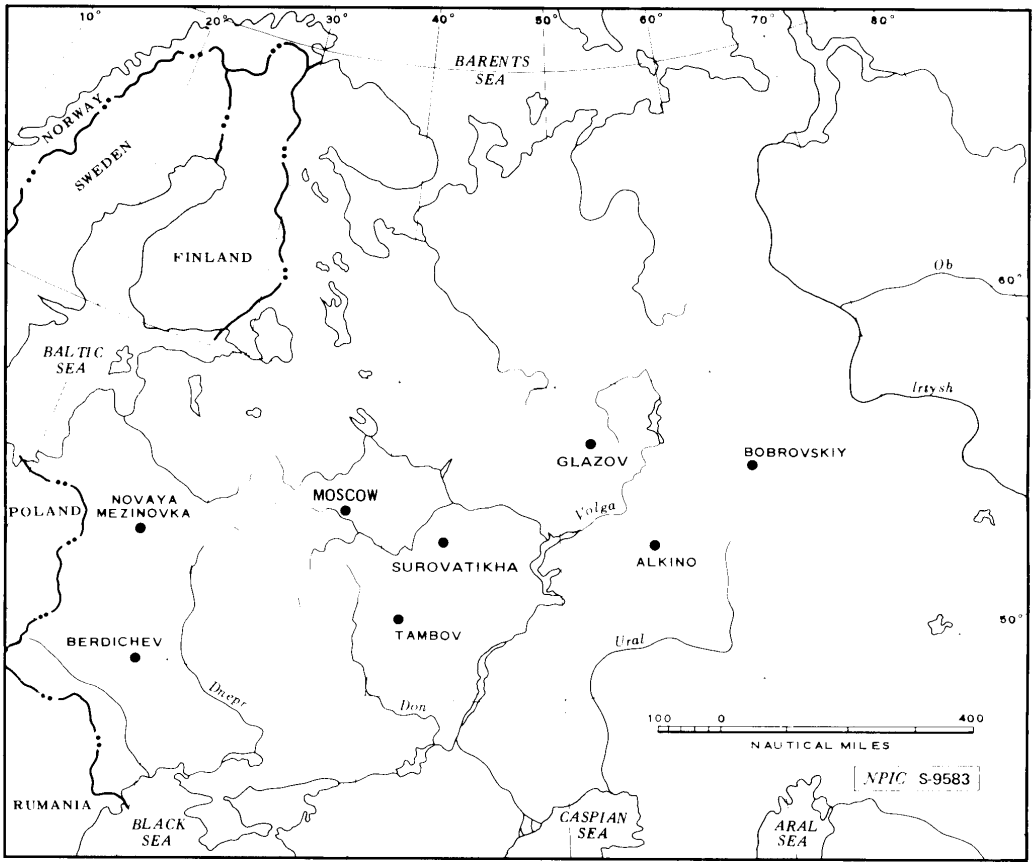
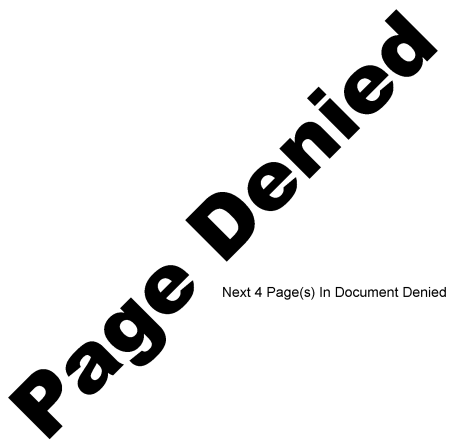


FIGURE 1. LOCATIONS OF SOVIET MISSILE SUPPORT REAR DEPOTS



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Novaya Mezinovka Missile Support Rear Depot

13. (S/D) The Novaya Mezinovka Missile Support Rear Depot (Figure 7) is 43 nm southwest of Minsk and 50 nm northeast of Baronovichi. This depot is in the MRBM and IRBM belt in the western USSR and is about midway between the two SS-20 divisions of Mozyr and Postavy. The facility was first observed in July 1956. This rear depot gained added significance in the spring of 1977 when three SS-20 single-bay garages were identified in a new SS-20 research and development (R&D) area within a secluded portion of the depot. The new area consists of the three single-bay, sliding-roof garages and several smaller associated buildings enclosed by a solid perimeter fence. No SS-20 vehicles or training activity has been seen; however, the Novaya Mezinovka facility was probably used in an R&D capacity to test a variation of the SS-20 central basing deployment. Subsequent identifications of remotely located, batallion-sized SS-20 launch units, similar to the layout at Novaya Mezinovka, were made at deployed mobile IRBM complexes near Drovyanaya and Rechitsa.

14. (S/D) Since 1974, a consistently large number of SS-11 missile canisters have been observed, indicating that SS-11s were being modified at Novaya Mezinovka. Missile tankage removed from modified SS-11s has been identified at a rail-served, high-bay building in the southeastern portion of the facility. Two sizes of unidentified tanks (Figure 8), [redacted] have been seen in storage since 1974. 25X1

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Surovatikha Missile Support Rear Depot

15. (S/D) Surovatikha Missile Support Rear Depot (Figure 9) is 175 nm east of Moscow on the Gorkiy/Arzamas rail line. The Surovatikha facility was first observed under construction in February 1960, was essentially complete by April 1966, and has remained basically unchanged since 1973[4]. By April 1979, construction had started on a new facility at the southeast corner of the depot. The new facility was in an early stage of construction; the function of this facility has not been determined.

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Tambov Missile Support Rear Depot

17. (S/D) The Tambov Missile Support Rear Depot (Figure 10) is approximately 210 nm south-southeast of Moscow and 15 nm south of Tambov. The facility was first observed in February 1960. MRBM and IRBM equipment was first identified in the facility in September 1964. No major changes have been made to the facility since the previous report.[1]

Alkino Missile Support Rear Depot

18. (S/D) Alkino Missile Support Rear Depot (Figure 11) is in the Ural Mountains, 600 nm east of Moscow, and 13 nm southwest of Ufa.[5] With the exception of two SS-4 propellant transporters, no missile support equipment has been observed since October 1975. As of June 1980, elements of ground forces units—including a medical unit and an engineering unit—were housed at this depot, which probably no longer serves as a missile support rear depot. New barracks, a new steamline, and probable vehicle maintenance/storage buildings have also been constructed since 1979.

REFERENCES

IMAGERY

(S/D) All usable satellite imagery acquired from 1974 through June 1980 was used in the preparation of this report.

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200; Sheets 0233-12, 0156-23, 0155-15, 0168-19, 0166-3, and 0165-10; scale 1:200,000 (UNCLASSIFIED)

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5. NPIC. RCA-01/0004/72, *Alkino Missile Support Facility, USSR*, Nov 71 (TOP SECRET 25X1 25X1
6. NPIC. RCA-01/0021/70, *Strategic Missile Support Facilities, USSR*, Jul 70 (TOP SECRET 25X1 25X1
7. CIA/NFAC. IS 80-10084J, *SS-11 Mod 1 Booster Reconfiguration Program (S)*, May 80 (TOP SECRET 25X1 25X1

REQUIREMENT

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(S) Comments and queries regarding this report are welcome. They may be directed to Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC, 25X1 25X1