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NPIC/R-279/64
May 1964



PHOTOGRAPHIC INTERPRETATION REPORT

OSTROSHITSKIY GORODOK BARRACKS AREA OSTROSHITSKIY GORODOK, USSR BELORUSSIAN MD



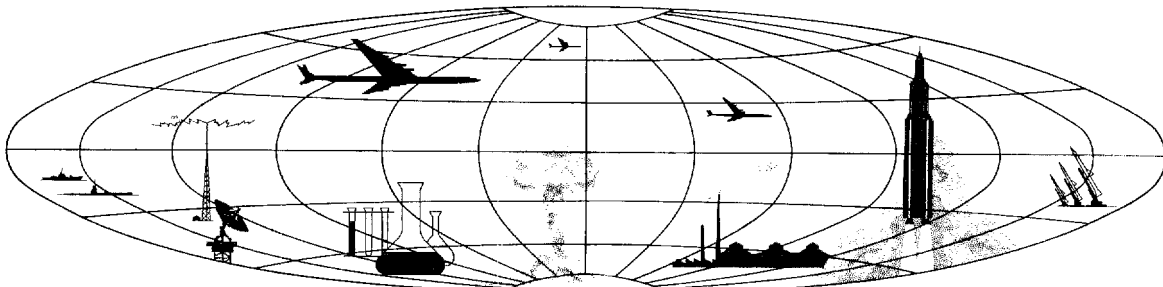
CIA



DIA



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Declass Review by NGA/DOD

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NPIC/R-279/64

PREFACE

This report is one in a series on Soviet Ground Force and logistic installations being prepared for a DIA/CIA Panel. The series is being coordinated, published and disseminated by NPIC. The photographic analysis is being performed by the NPIC Photographic Analysis Group, the CIA Photographic Intelligence Division (NPIC), and the Production Center 1P1c (DIA). The photographic analysis for this particular report was performed by the NPIC Photographic Analysis Group.

In the interest of uniformity, the titles and letter designators for the facilities observed at these installations are identical with those appearing in the project requirement. When a specific facility is not observed both its title and letter designator are omitted in the report.

Titles and letter designators for the various facilities are as follows: (A) railroad service, (B) road service, (C) landing strips, (D) administrative and troop housing areas, (E) storage areas, (F) ammunition storage areas, (G) POL storage areas, (H) other buildings and facilities, (J) equipment storage/maintenance areas, (K) athletic fields, (L) small arms firing ranges, (M) driver training areas, (N) tank/assault gun firing ranges, (P) flat trajectory firing ranges, (Q) artillery emplacements (batteries), (R) infantry or combined arms field training area or courses, (S) special training facilities, (T) unidentified facilities or tracking activity.

NPIC/R-279/64

OSTROSHITSKIY GORODOK BARRACKS AREA
(54.02N 027.47E)
OSTROSHITSKIY GORODOK, MINSKAYA OBLAST, USSR
BELORUSSIAN MD

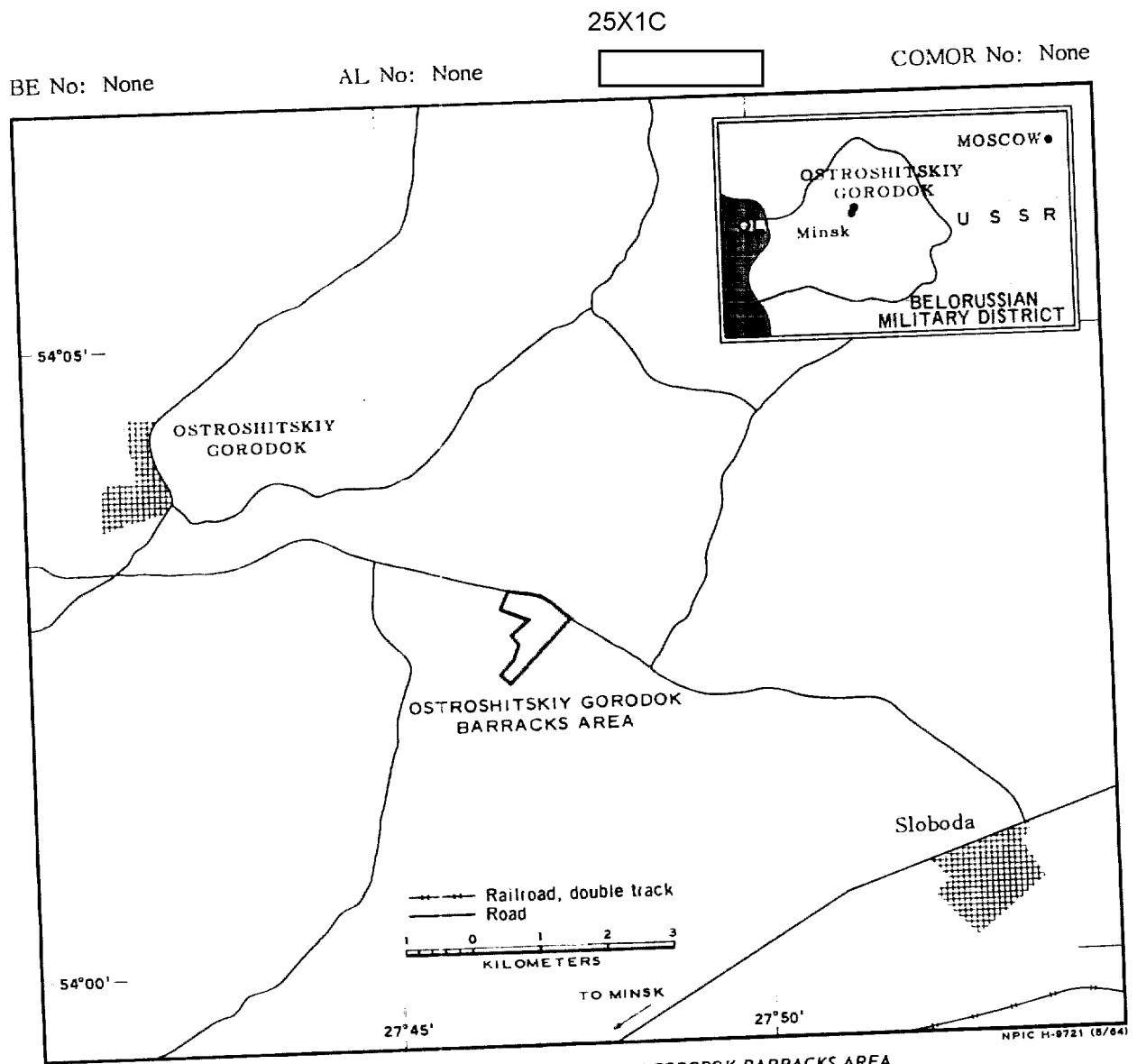


FIGURE 1. LOCATION OF OSTROSHITSKIY GORODOK BARRACKS AREA.

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SUMMARY

25X1D

This barracks area is located 8 kilometers (km) southeast of Ostroshitskiy Gorodok (54-04N 027-42E) and 7 km northwest of the Minsk-Borisov highway. Major military camps are located in the Minsk and Borisov areas.

The area covers approximately 350 acres and includes six administration buildings, four barracks, five storage buildings, 18 support buildings, and two vehicle sheds. It also includes a possible communication tower, a probable swimming pool and an athletic field. Training facilities include a small arms firing range and

a wheeled-vehicle driver training course.

The area is covered by [redacted] photography and [redacted] missions between [redacted]. The installation, not present on [redacted] photography, was first observed on [redacted] coverage; however, the poor quality of this coverage precluded determining the construction status. A review of later photo coverage revealed the installation as complete in [redacted]. The installation appeared active with a consistent level of usage between [redacted].

25X1D

25X1D

25X1
25X1D

25X1D

25X1D

DESCRIPTION OF INSTALLATION

Railroad Service

The installation is located 7 km northwest of the Minsk-Borisov railroad.

Road Service

An all-weather secondary road provides access to the Minsk-Borisov highway.

Administrative and Troop Housing Areas

Area D1 contains three multistory barracks/administration buildings, two multistory administration buildings, four multistory barracks, and seven support buildings. The number of multistory administration buildings and the formal, neat appearance of the area suggest a military headquarters.

Area D2 contains one multistory administration building.

Heavy trackage indicates all buildings are actively used.

General Storage Areas

Area E1 contains one storage and two support buildings.

Area E2 contains four storage and six support buildings. The four storage buildings are separately secured.

Other Buildings

Three support buildings are located south of the administrative area.

Equipment Storage/Maintenance Area

Area J contains one vehicle shed 285 by 75 feet and one vehicle shed 230 by 55 feet.

Athletic Fields

Area K is an athletic field.

The excavation north of Area D1 is identified as a probable swimming pool.

Small Arms Firing Range

Area L is a 1,050- by 280-foot firing range. Track activity indicates constant usage.

Driver Crew Training Area

Area M is a 2,600- by 1,000-foot wheeled-vehicle driver training area comprised of a large closed circuit and three small closed circuit figure "8" courses. The area apparently receives a constant level of usage during the summer months, with a reduced level having been observed during the winter months between [redacted].

25X1D

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FIGURE 2. OSTROSHITSKIY GORODOK BARRACKS AREA, USSR, [redacted]

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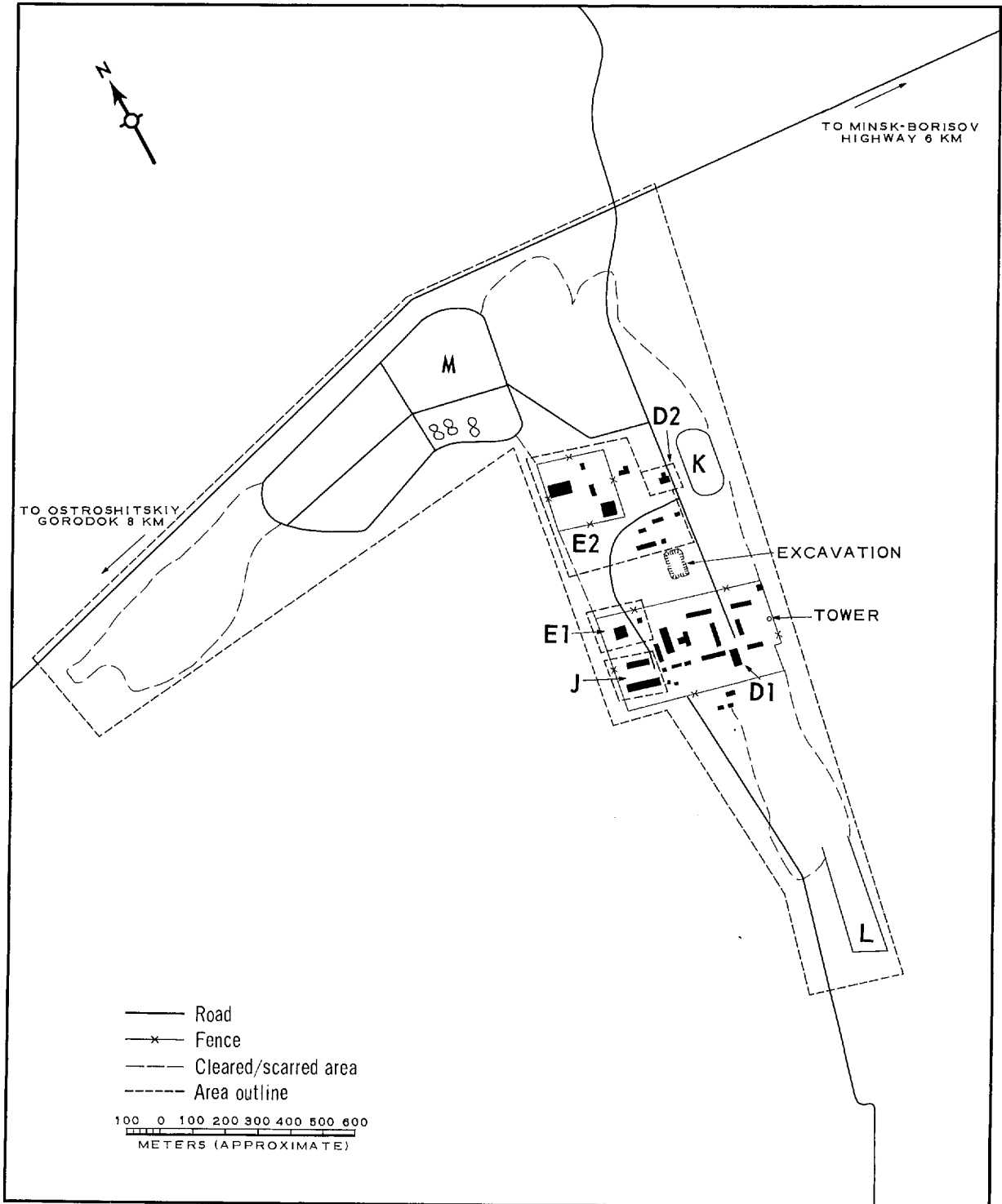


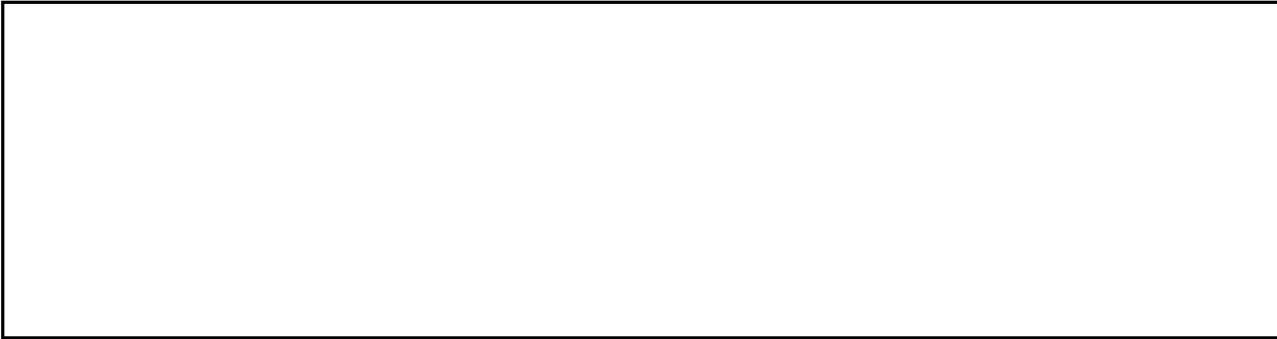
FIGURE 3. OSTROSHITSKIY GORODOK BARRACKS AREA. Sketch compiled from [REDACTED]

25X1D

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REFERENCES

25X1D



MAPS OR CHARTS

US Air Target Chart, Series 200, Sheet 0188-14HL, 2d ed, Dec 62 (SECRET)

US Air Target Chart, Series 100, Sheet 0188-9997-100A, 2d ed, Feb 52 (SECRET)

DOCUMENTS

Army. PIB-TK-87-63, *Military Installation Belorussian MD Minsk, USSR*, Sep 63 (TOP SECRET [redacted])

25X1

REQUIREMENT

C-RR-4-81.111 (partial answer)

NPIC PROJECT

N-236/64

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Approved For Release 2006/01/17 : CIA-RDP78B04560A002200010038-3

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16 Pages



May 1964

PHOTOGRAPHIC INTERPRETATION REPORT

POSSIBLE AMM-ASSOCIATED FACILITY SAM SITE E15-1 MOSCOW, USSR



CIA

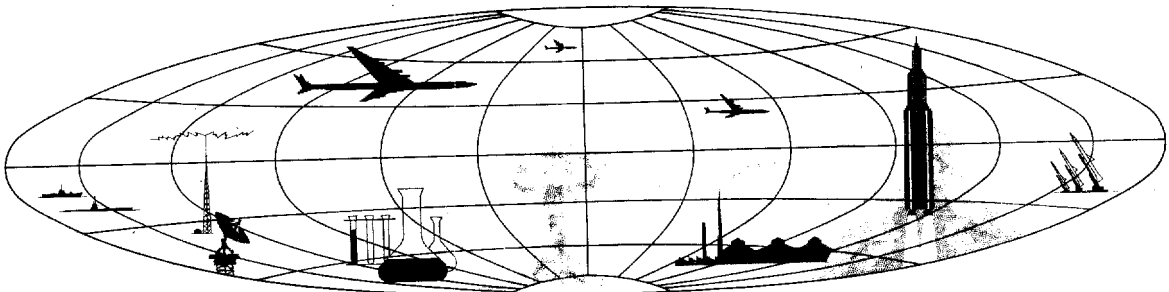


DIA



25X4

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PHOTOGRAPHIC INTERPRETATION REPORT

POSSIBLE AMM-ASSOCIATED FACILITY
SAM SITE E15-1
MOSCOW, USSR

NPIC/R-280/64

May 1964

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NPIC/R-280/64

PREFACE

All measurements contained in this report are the best obtainable within the current limits of the KII-7 system and exploitation techniques. There being no means in the system for determining camera attitude, precise attitude is unknown and planned attitude is assumed. A full analysis of the metric characteristics of strip camera photography has not been completed. Wherever possible, measurements have been cross-checked with collateral information.

NPIC/R-280/64

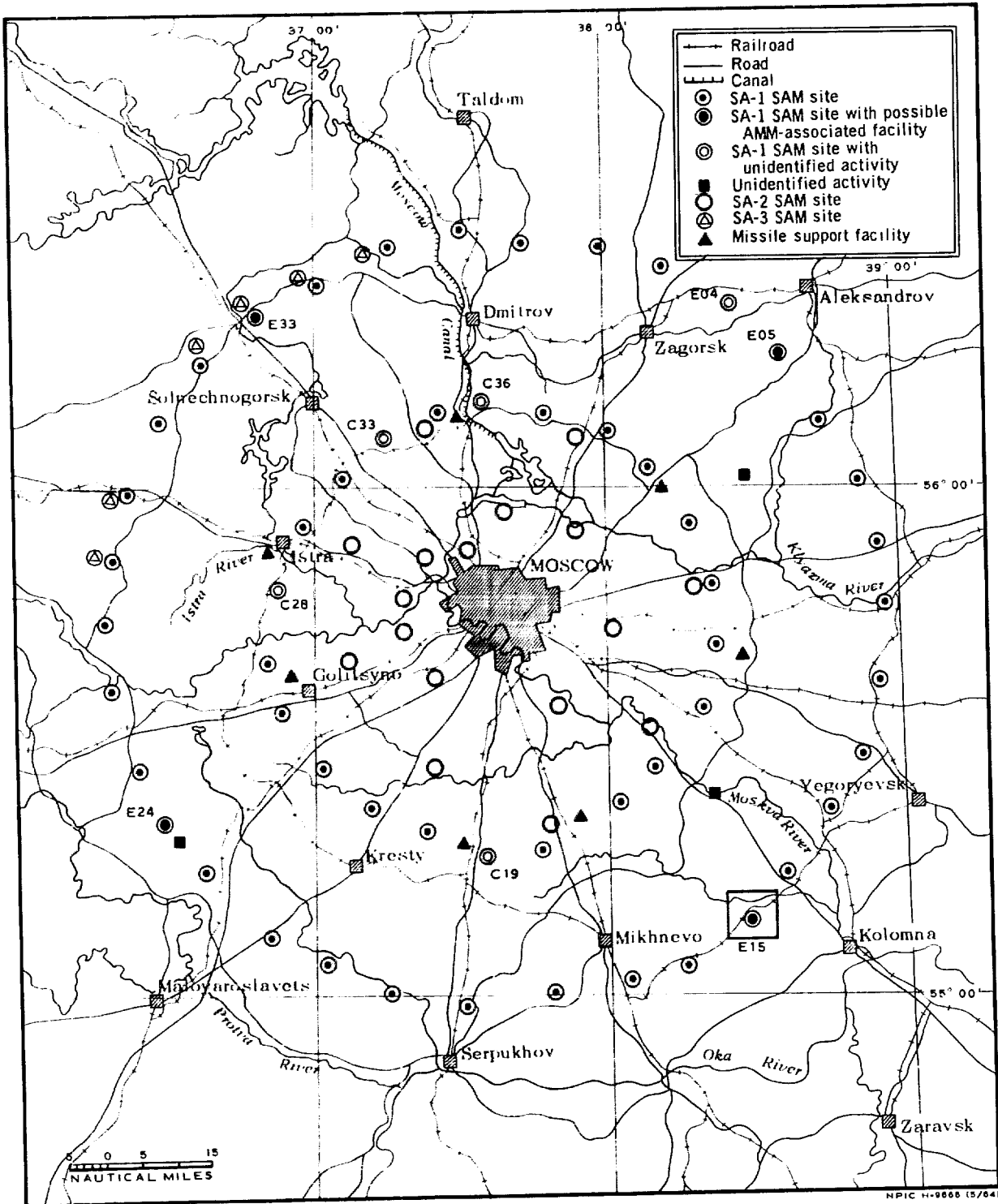


FIGURE 1. LOCATION OF POSSIBLE AMM-ASSOCIATED FACILITY.

SUMMARY

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25X1
Analysis of large-scale [redacted] photography of [redacted] reveals that construction of the possible AMM-associated facility at Moscow SAM Site E15-1 had not progressed as far as previously reported. 1-3/

It has now been ascertained that the three major buildings referred to as the "triad" are in early-to-midstages of construction. The exact function of the facility is still undetermined.

INTRODUCTION

25X1
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25X1
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25X1
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25X1
SAM Site E15-1 is located at 55-09-50N 38-22-15E (Figure 1). The SA-1 site appeared complete on [redacted] photography of [redacted] but new construction was apparent on 1 [redacted] photography. Four additional buildings had been added to the support area by [redacted] and two more were constructed between [redacted] On [redacted] photography, an access road parallel to the SA-1 launch area was under construction to the south-east corner of the launch area, and in [redacted]

[redacted] preliminary site preparation for the triad was underway in that corner. By [redacted] the site preparation had assumed a triangular pattern, and two weeks later the exterior walls of the three major triad buildings were under construction. Since then, construction on the buildings has continued (Figures 2-4). The following description of the major components of the SAM site is based on photography of [redacted]

25X1
25X1

25X1

TRIAD

25X1
The largest building of the triad measures [redacted] by approximately [redacted] high (Figure 4, item 1). The visible sides of the exterior walls appear complete with no window or door openings (Figure 5).

25X1
25X1
The roof of the building, which has probable parapets on all sides, is still under construction. On the south center of the roof is an elevated platform that appears enclosed on all sides and that measures [redacted] square by approximately [redacted] high. The shaft of the platform appears to extend through the roof of the building and to have openings on the north and south sides. On top of the platform there are two unidentified, dark, indistinct objects. There are two other openings in the roof; the larger one is north of

the platform and extends almost the entire width of the building with cross beams visible through the opening in the roof. The smaller opening is at the southwest corner of the building, parallel to the west wall.

A tower crane is adjacent to the northeast corner of the building, and unidentified material is scattered around the sides of the building. Adjacent and parallel to the south end of the building, the structure previously reported as similar to those seen at triads at Sary-Shagan Antimissile Test Center (SSATC) 3/ is under construction (Figure 4, item 2). The probable footings for the structure were first observed in [redacted]

on the [redacted] photography.

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25X1

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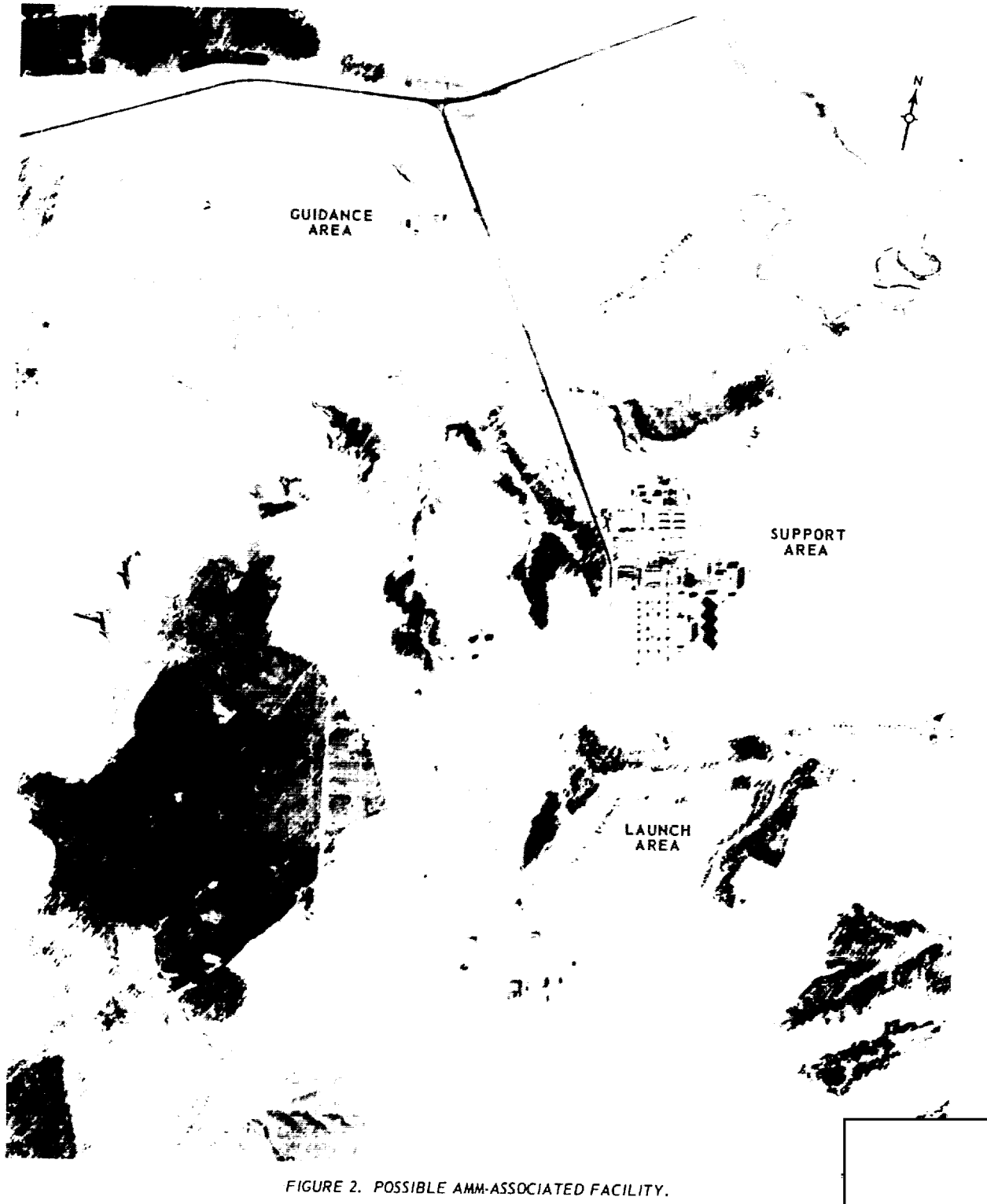


FIGURE 2. POSSIBLE AMM-ASSOCIATED FACILITY.

NPIC/R-280/64



FIGURE 3. LAUNCH AREA.

[redacted]
25X1

NPIC/R-280/64

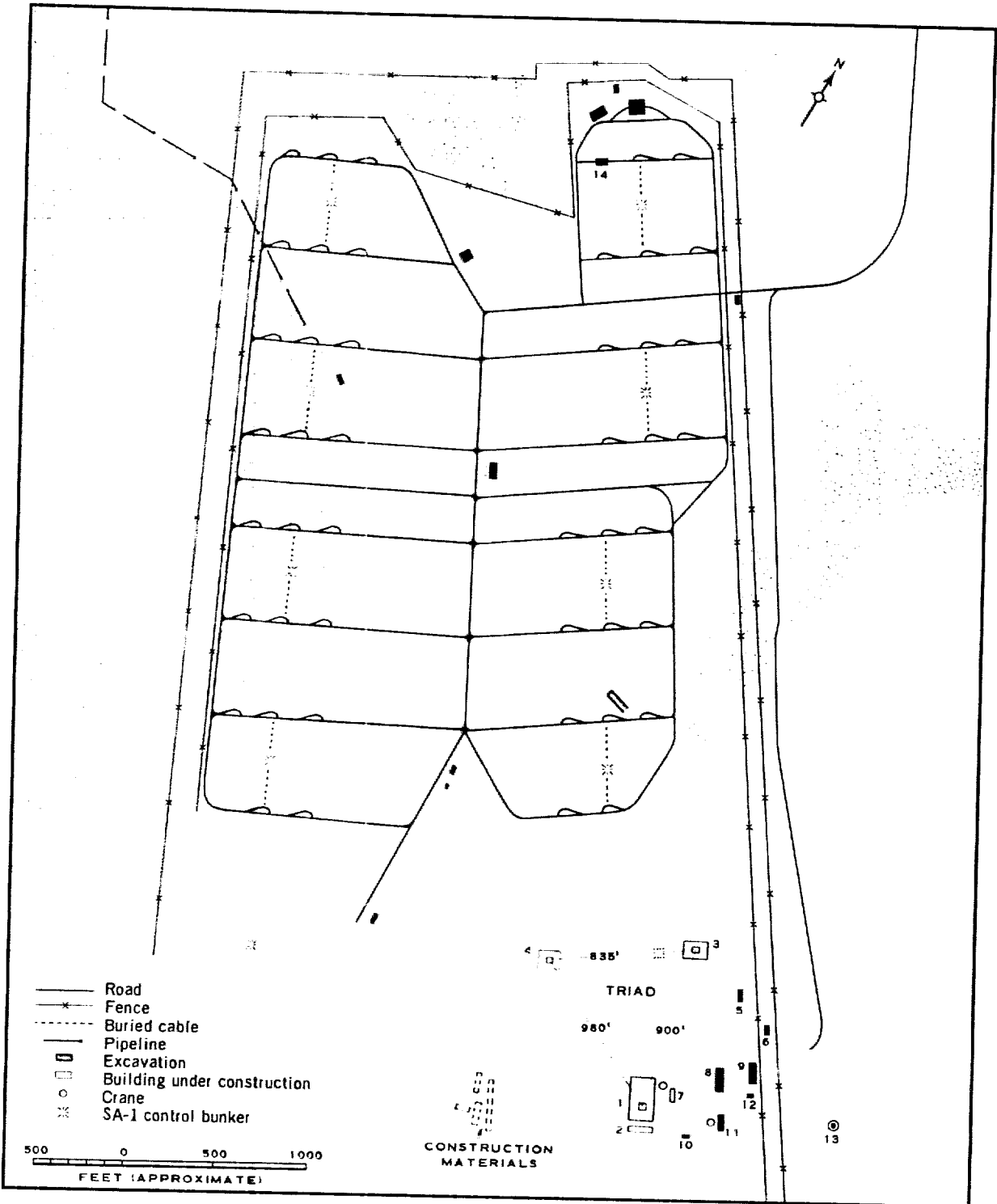


FIGURE 4. LAYOUT OF LAUNCH AREA.

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NPIC/R-280/64

Two smaller buildings, located north of the large building on the side toward Moscow, complete the triad. The northeast building (Figure 4, item 3), which is on the east side of an SA-1 control bunker, is [redacted] and approximately [redacted] high. The visible exterior walls on the second level of the building do not appear complete. The roof of the building is flat and possibly has a low parapet on four sides. Approximately 90 percent of the roof has been constructed. At the approximate center of the building is a vertical shaft that is probably still under construction. Although this shaft is smaller than the elevated platform on the large rectangular building, it is probably intended to serve the same function. The square-shaped shaft appears slightly elevated above the roof of the second level and extends down through

it. Openings in the roof were noted on the east and west sides of the shaft.

Construction on the northwest building (item 4), which measures [redacted] by approximately [redacted] high, has not progressed as far as the northeast building. The first level appears complete, but construction on the exterior walls and roof of the second level has not been completed. A square vertical shaft similar to the one at the northeast building extends down through the ceiling of the first level. The roof of the second level is being constructed around the vertical shaft with openings on the two sides of the shaft where roofing has been laid. The top of the vertical shaft appears even with the roof of the second level. Two parallel dark lines extend a short distance out from the vertical shaft toward the west

25X1

25X1

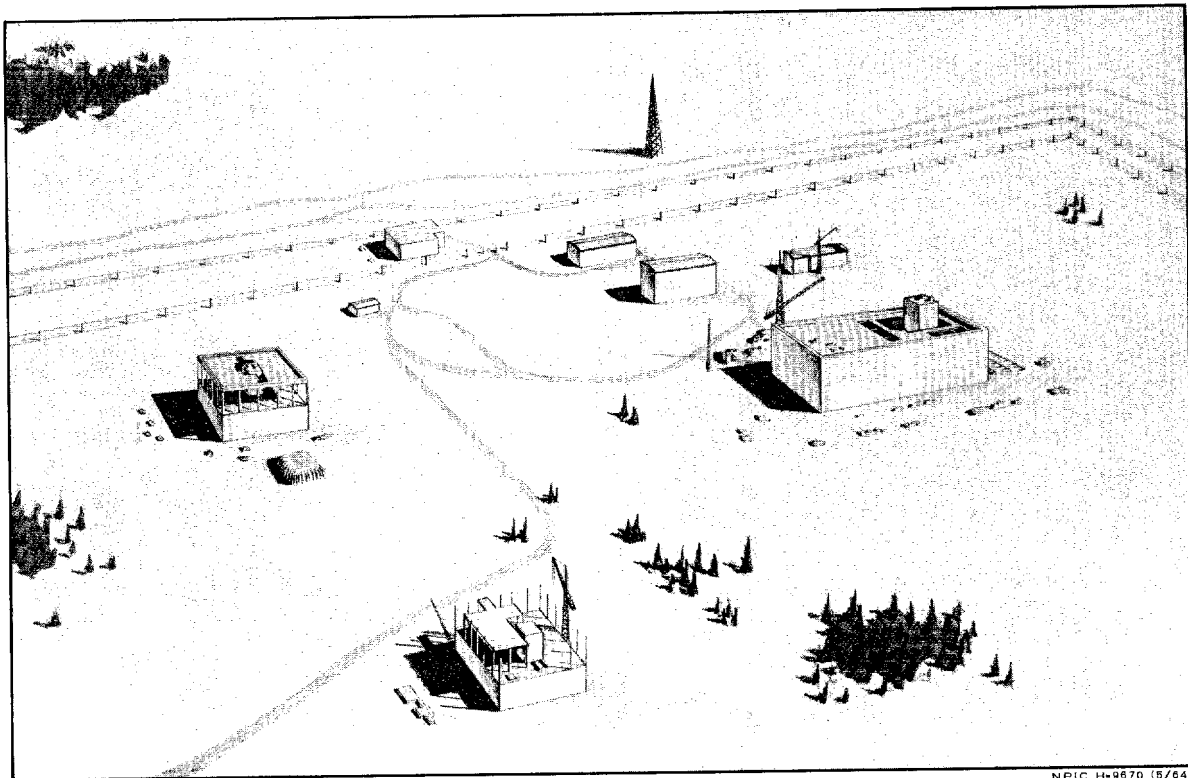


FIGURE 5. TRIAD AREA.

NPIC H-9670 (5/64)

25X1

NPIC/R-280/64

wall of the building. Similar parallel dark lines may be present on the opposite side of the shaft, but shadows from the partially completed roof of the second level preclude firm identification. A tower crane is adjacent to the building on the south side, and unidentified material is observed on the north side of the building.

South of the launch area and east of the large rectangular building there are nine other structures. Item numbers in the following list are keyed to Figure 4, and all but the ones with an asterisk are portrayed in Figure 5.

- 5. Building [redacted] probably gable roof
- 6. Building [redacted] by approximately [redacted] high, flat roof

- *7. Probable building under construction, one wall visible, dimensions undetermined
- 8. Building [redacted] by approximately [redacted] high, low-pitched gable roof
- 9. Building [redacted] low-pitched gable roof
- *10. Unidentified structure [redacted] approximately [redacted] high
- 11. Building under construction, [redacted] feet by approximately 15 feet high, low-pitched gable roof. A tower crane is adjacent to the west side of the building
- *12. Unidentified structure
- 13. Lattice tower approximately [redacted] high.

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LAUNCH AREA

On photography of [redacted] a probable drive-through structure [redacted] by approximately [redacted] high was identified at one of the SA-1 launch positions (Figure 4, item 14). Similar structures were identified at SAM Sites E14-1 and E16-1. Reanalysis of earlier coverage revealed that the structure at E15-1 was present on photography of [redacted]. The function of the structure has not been determined, but possibly it provides temporary environmental shelter.

On the good quality stereo photography of [redacted] patterns in the snow give some indication of the degree of activity at the site (Figure 6). The site service road was cleared of snow from the ring road to the support area. The branch road to the guidance area appears to have a light snow cover with no tracks visible. South of the support area, light track activity is visible leading into and around the possible AMM-associated facility. Roads within the launch area appear to have a light covering of snow, possibly from drifting, with no track

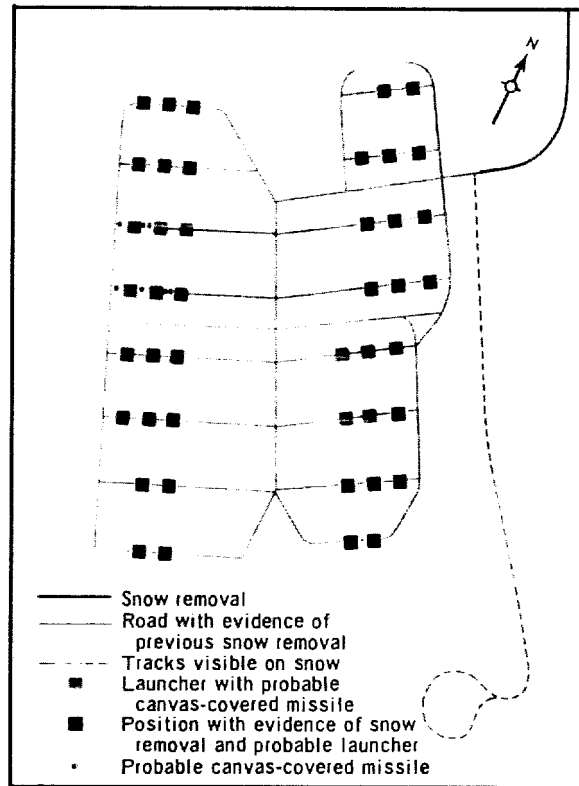


FIGURE 6. LAUNCH AREA ACTIVITY, [redacted]

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25X1

25X1

NPIC/R-280/64

activity visible; but walls of snow along the edges of launch area roads and at the launch positions give evidence of previous snow removal.

Although the SA-1 launchers appear to be in the launch positions, snow cover precludes confirming this. Not all the positions have missiles emplaced or appear active. Figure 6 shows the degree of activity at the launch positions. At least seven canvas-covered missiles

were observed on the launch roads: one 25 feet, one [redacted] two approximately [redacted] one [redacted] one [redacted] and one 35 feet long.

Excluding the ones measuring 25 and [redacted] the average length for the other five missiles is [redacted] Canvas covers and the lack of consistency in measurements preclude determining the missile type.

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GUIDANCE AREA

The Yo-Yo radar appears at its normal location. A light covering of snow blankets the roads within the secured area [redacted] Dimensions for structures within the fenced area are listed below, with item numbers keyed to Figure 7.

1. Support building [redacted] by approximately [redacted] high, gable roof
2. Probable drive-through building adjacent to and probably connected with the Yo-Yo radar bunker, [redacted] feet high, flat roof

25X1

25X1

25X1

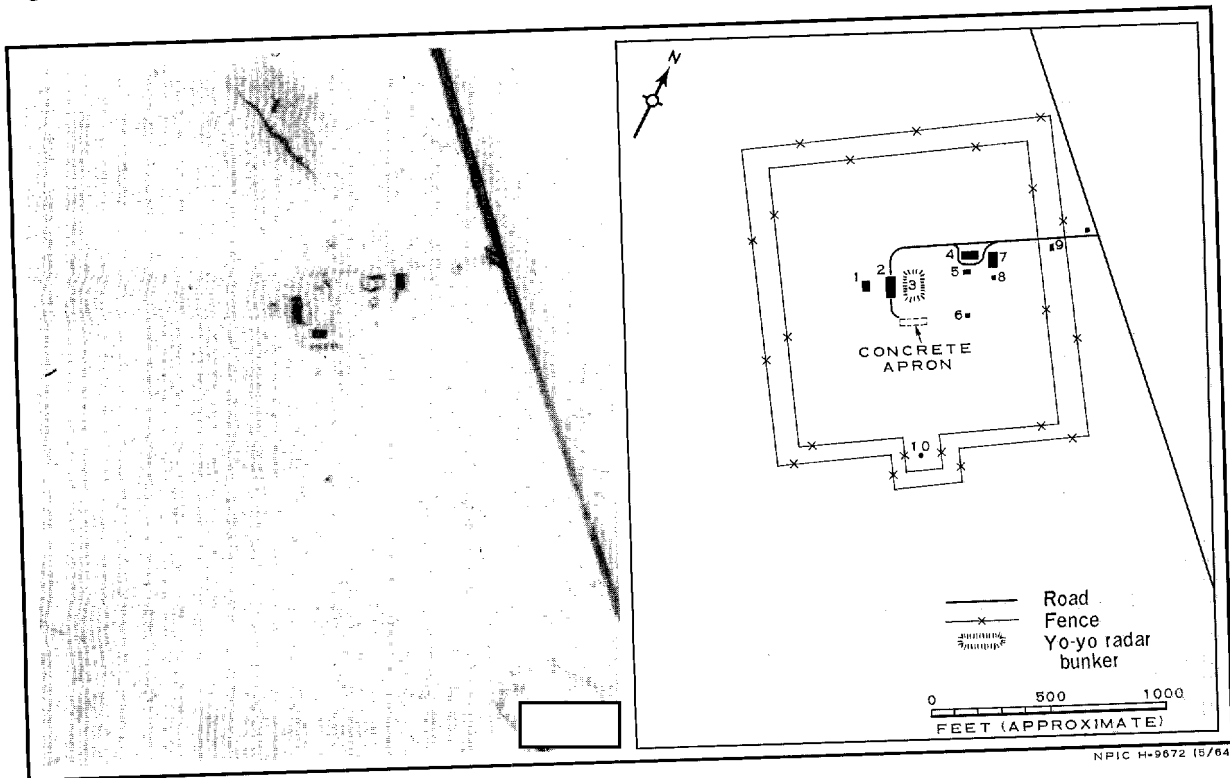


FIGURE 7. GUIDANCE AREA

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NPIC/R-280/64

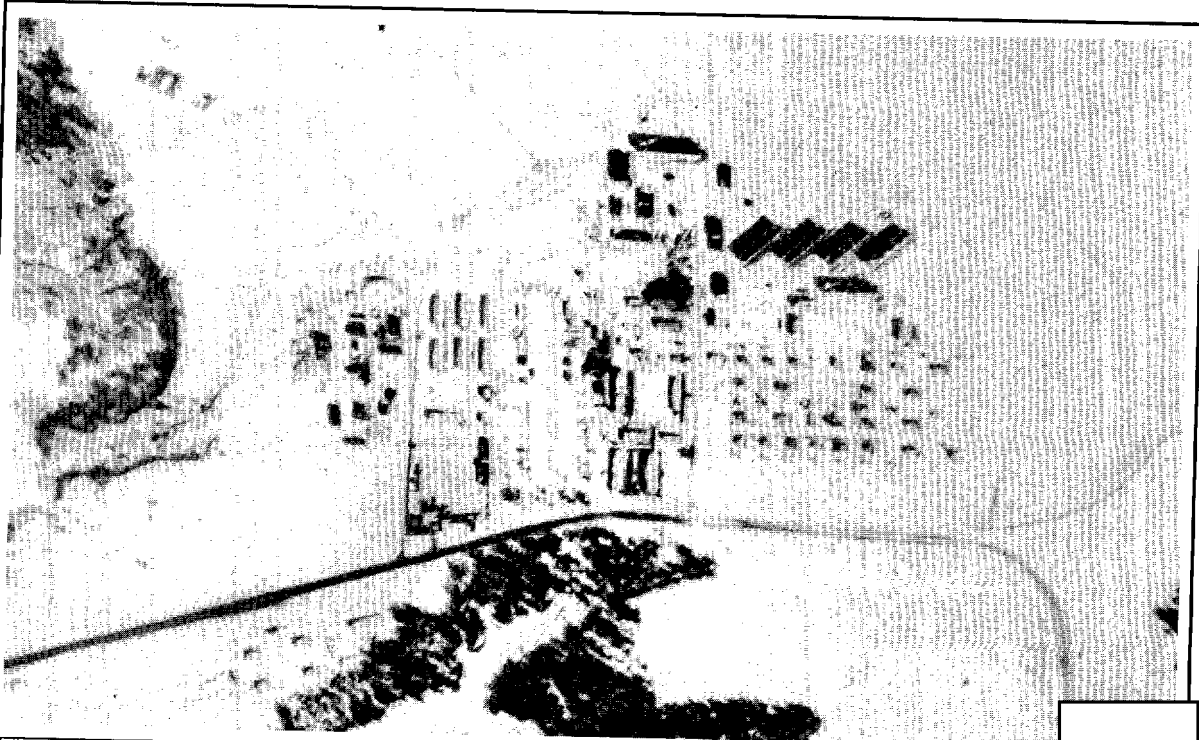
- 3. Yo-Yo radar bunker, occupied, [redacted] [redacted] concrete apron on south side
- 4. Barracks [redacted] by approximately [redacted] feet high, gable roof
- 5. Unidentified building [redacted] probably gable roof
- 6. Unidentified structure 15 by 15 feet, by approximately [redacted] high
- 7. Possible generator building [redacted] by approximately 15 feet high, flat roof
- 8. Unidentified structure [redacted] by approximately [redacted] high
- 9. Guard shack [redacted] feet high, gable roof
- 10. Boresight pole.

SUPPORT AREA

[redacted] permits a more accurate count of the buildings within the support area and provides details not discernible on other coverage. There are 139 buildings in the support area, including 3 administration-type buildings, 43 dwelling units, 63 support buildings and 30 miscellaneous structures. Buildings have gable roofs unless otherwise stated in the following detailed list (item numbers are keyed to Figure 8).

- 1. Apartment-type building [redacted] [redacted] high, flat roof
- 2. Support building 120 by 50 by 35 feet high, flat roof
- 3. Probable thermal plant [redacted] [redacted] high; a stack at northwest corner of building
- 4. Unidentified building [redacted] feet high, flat roof. At the east end of the roof is what appears to be an oblate spheroidal structure [redacted] which has at its approximate center a light reflective object that has some height
- 5. Unidentified structure [redacted] feet high, probably gable roof
- 6. Support building [redacted] high, flat roof
- 7. Support building [redacted] high, flat roof
- 8. Unidentified structure [redacted] feet high
- 9. Bilevel support building [redacted] first level [redacted] high, second level [redacted] high
- 10. Building 25 by 25 by 15 feet high, probably flat roof
- 11-15. Apartment-type buildings 215 by 50 by approximately 40 feet high, flat roofs
- 16. Support building [redacted] high, probably gable roof
- 17. Support building [redacted] high
- 18. Support building [redacted] foot center section is [redacted] high, the remainder is 10 feet high
- 19. Support building [redacted] probably gable roof
- 20. Support building [redacted]
- 21. Barracks-type building [redacted] feet high
- 22. Unidentified structure [redacted] feet
- 23. Building under construction [redacted] feet, 2 walls visible
- 24. Excavation containing one POL tank approximately [redacted] in diameter and the possible foundation for a second tank
- 25. Towerlike structure approximately [redacted] feet in diameter
- 26. Possible batch plant [redacted]
- 27. Support building [redacted] high with an extension [redacted] by approximately [redacted]
- 28. Probable shed [redacted] flat roof

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25X1

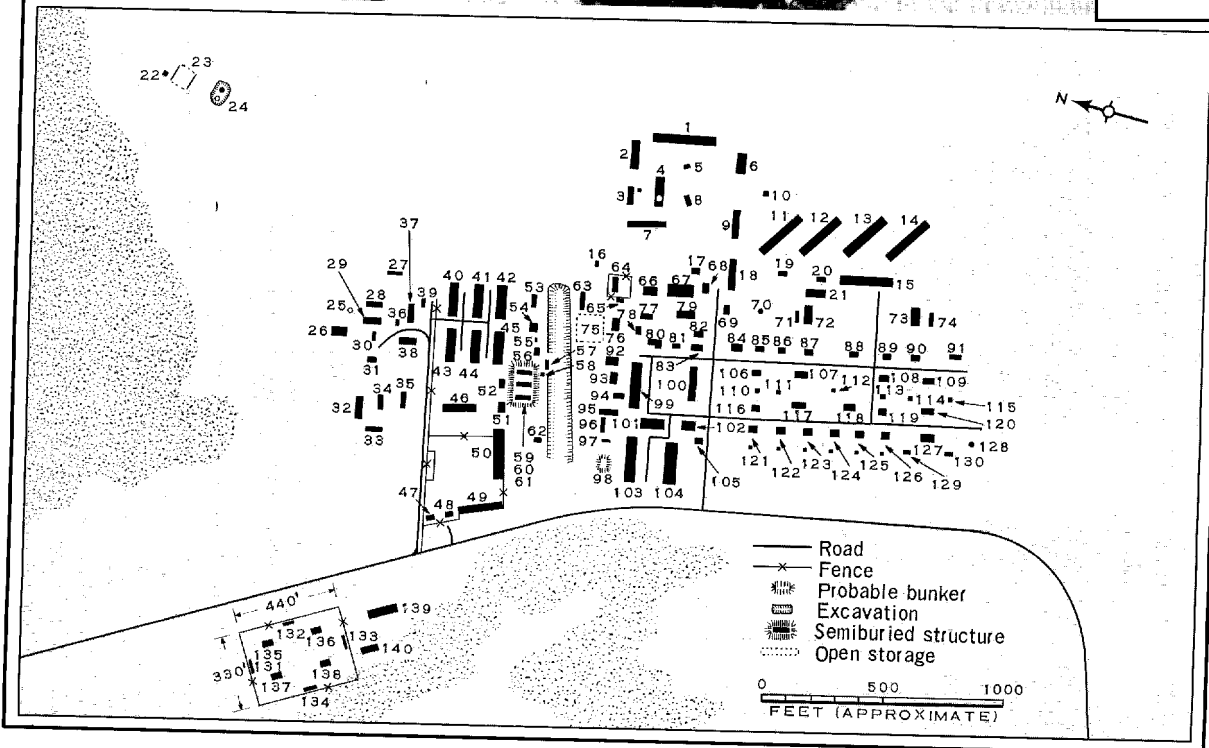


FIGURE 8. SUPPORT AREA.

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25X1

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- 25X1 29. Support building [redacted] feet probably gable roof
- 25X1 high, annex on west side is [redacted]
- 25X1 30. Shed [redacted] high, flat roof
- 25X1 31. Unidentified building [redacted]
- 25X1 high, stack at northwest corner
- 25X1 32. Support building [redacted]
- 25X1 33. Support building [redacted] high
- 25X1 34. Support building [redacted] high
- 25X1 35. Support building [redacted] high
- 25X1 36. Unidentified structure [redacted]
- 25X1 feet high
- 25X1 37. Support building [redacted] high
- 25X1 38. Support building [redacted] high
- 25X1 39. Unidentified structure [redacted]
- 25X1 high
- 25X1 40-45. Barracks-type buildings [redacted]
- 25X1 feet high
- 25X1 46. Barracks-type building [redacted]
- 25X1 feet high
- 25X1 47. Support building [redacted]
- 25X1 high, probably gable roof
- 25X1 48. Support building [redacted]
- 25X1 high, probably gable roof
- 25X1 49. Vehicle shed [redacted] high
- 25X1 50. Vehicle shed [redacted] first level
- 25X1 [redacted] high, second level [redacted] high
- 25X1 51. Support building [redacted] high
- 25X1 52. Support building [redacted]
- 25X1 53. Support building [redacted] high
- 25X1 54. Unidentified structure [redacted]
- 25X1 55. Unidentified structure [redacted]
- 25X1 56. Support building [redacted]
- 25X1 57. Support building [redacted]
- 25X1 58. Unidentified structure [redacted]
- 25X1 feet high
- 25X1 59. Probable semiburied structure [redacted]
- 25X1 feet
- 25X1 60. Probable semiburied structure [redacted]
- 25X1 feet
- 25X1 61. Probable semiburied structure [redacted]
- 25X1 [redacted]
- 25X1 62. Support building [redacted] high,
- 63. Support building [redacted] high,
- 64. Support building [redacted] high, probably gable roof
- 65. Building [redacted] high
- 66. Support building [redacted] high
- 67. Support building [redacted]
- 68. Support building [redacted] high,
- 69. Support building [redacted] high, probably flat roof
- 70. Probable storage tank [redacted] in diameter, approximately [redacted] high
- 71. Support building [redacted] high, probably gable roof
- 72. Barracks [redacted]
- 73. Barracks [redacted]
- 74. Support building [redacted] feet
- 75. Open storage area with unidentified material
- 76. Support building [redacted]
- 77. Support building [redacted]
- 78. Support building [redacted]
- 79. Support building [redacted]
- 80. L-shaped building [redacted] high
- 81. Unidentified structure [redacted]
- 82. Support building [redacted] high, probably gable roof
- 83. Support building [redacted] high
- 84. Multifamily-type dwelling [redacted]
- 85-90. Single-family-type dwellings [redacted] feet
- 91. Multifamily-type dwelling [redacted]
- 92. Support building [redacted] high
- 93. Unidentified building [redacted] feet high
- 94. Support building [redacted]
- 95. Support building [redacted] high
- 96. Semiburied structure [redacted] 3 circular objects on south edge of roof
- 97. Support building [redacted] high, probably gable roof

25X1

NPIC/R-280/64

- 25X1 98. Probable bunker [redacted] 117. Multifamily-type dwelling [redacted] 25X1
- 25X1 99. Probable administration building [redacted] 118. Multifamily-type dwelling [redacted] 25X1
- 25X1 [redacted] high 119. Single-family-type dwelling [redacted] 25X1
- 25X1 100. Barracks [redacted] feet
- 25X1 101. Barracks [redacted] high 120. Multifamily-type dwelling [redacted] 25X1
- 25X1 102. Barracks [redacted] high feet high
- 25X1 103. Probable administration building [redacted] 121-126. Single-family-type dwellings [redacted] 25X1
- 25X1 [redacted] high feet, with associated outbuildings
- 25X1 104. Probable administration building [redacted] 127. Multifamily-type dwelling [redacted] 25X1
- 25X1 [redacted] high
- 25X1 105. Probable guard post [redacted] 128. Standpipe [redacted] in diameter, approxi- 25X1
- 25X1 feet high mately [redacted] high 25X1
- 25X1 106. Single-family-type dwelling [redacted] 129, 130. Probable outbuildings
- 25X1 feet 131-134. Unidentified structures [redacted] 25X1
- 25X1 107. Multifamily-type dwelling [redacted] feet high, probably flat roofs
- 25X1 108. Single-family-type dwelling [redacted] 135-138. Storage buildings [redacted] 25X1
- 25X1 feet high
- 25X1 109. Multifamily-type dwelling [redacted] 139. Storage building [redacted] 25X1
- 25X1 [redacted] high high
- 25X1 110-115. Probable outbuildings 140. Storage building [redacted] 25X1
- 25X1 116. Single-family-type dwelling [redacted] high.
- feet

REFERENCES



NPIC/R-280/64

REFERENCES (Continued)

MAPS OR CHARTS

DIA. US Air Target Chart, Series 200, Sheet 0167-10HL, 2d ed, Feb 63, scale 1:200,000 (SECRET)

DOCUMENTS

- 25X1 1. NPIC. R-147 '63, *Possible Antimissile Missile Associated Facilities Moscow Area, USSR*, Jul 63 (TOP SECRET [redacted])
- 25X1 2. NPIC. R-103 '64, *Possible Antimissile Missile Associated Facilities Moscow Area, USSR*, Feb 64 (TOP SECRET [redacted])
- 25X1 3. NPIC. R-219 '64, *Possible AHM-Associated Facilities, Moscow Area, USSR*, [redacted] Apr 64 (TOP SECRET [redacted])

REQUIREMENT

CIA. C-RR4-61,203

NPIC PROJECT

N-384/64

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Approved For Release 2006/01/17 : CIA-RDP78B04560A002200010038-3

Approved For Release 2006/01/17 : CIA-RDP78B04560A002200010038-3
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