



PHOTOGRAPHIC INTERPRETATION REPORT

HEN HOUSE ANTENNA
RADAR SITE 1
ANTIMISSILE TEST CENTER
SARY-SHAGAN, USSR
Declass Review by NIMA/DOD



CIA



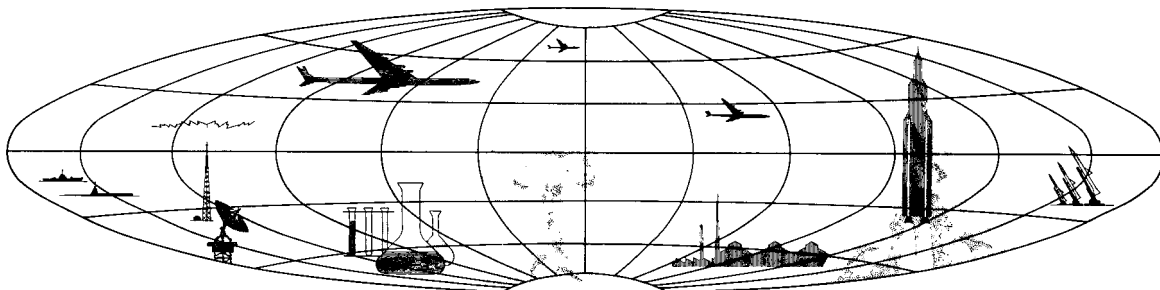
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PHOTOGRAPHIC INTERPRETATION REPORT

HEN HOUSE ANTENNA
RADAR SITE 1
ANTIMISSILE TEST CENTER
SARY-SHAGAN, USSR

NPIC/R-5158/64
December 1964

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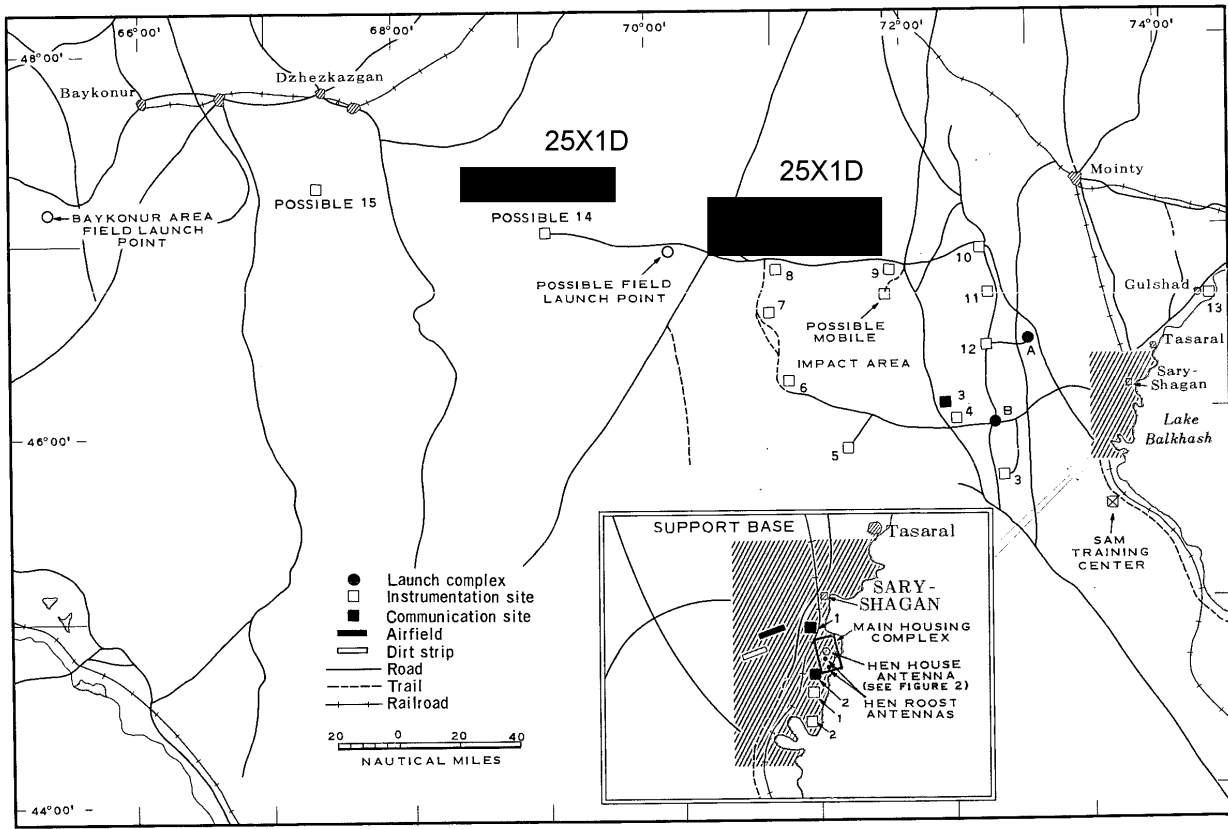


FIGURE 1. ANTIMISSILE TEST CENTER, SARY-SHAGAN, USSR.

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25X1D

INTRODUCTION

This report is in response to NSA requirement P0432/R55-64 and CIA requirement C-RR4-81,565 requesting a detailed report on the HEN HOUSE antenna and associated facilities at Radar Site 1 (45-59N 73-39E) at Sary-Shagan Antimissile Test Center (Figures 1 and 2), with information on construction chronology. Since TALENT photography at least small-scale KEYHOLE missions of fair to very good photography, mostly stereoscopic, have covered the site,

although interpretation is limited by the small scale. The original TALENT photography is the only large-scale photography available. The original mensural data on the HEN HOUSE antenna furnished in PIC/JR- have been carefully reviewed and the results, including certain significant changes, can be found in Figure 7. Vertical dimensions given in this report can be considered accurate to plus/minus 10 feet, horizontal dimensions to plus/minus 5 feet.

25X1D

25X1D

25X1D

25X1D

SUPPORT AREA

25X1D

The support area for Radar Site 1 in consisted of approximately 20 buildings, some temporary and some permanent, including a batch plant and a steam plant. By most of the temporary buildings, the batch plant, and crates observed at the site in had been removed. The majority of the permanent support buildings had been constructed by this time. Two additional major support buildings appeared between and one from

One major building was removed between. Approximately 27 permanent-type buildings of various sizes and configurations now are contained in the support area. The tabulation in annotations for Figure 3 (Table 1) provides pertinent details on support facilities. of Radar Site 1 is shown in Figure 4. The construction chronology of support facilities and utility lines is shown in Figure 5.

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25X1D

UTILITIES

The following utility lines were present at Radar Site 1 in a water intake line and an effluent line extending directly from the site to Lake Balkhash, a possible water line extending from the site to the Water Treatment Facility near the Main Housing Complex, a conduit extending from the site to the Probable Range Headquarters/Complex Control Area, and a powerline paralleling the access road and extending from the Main Power Substation

and continuing south to the HEN ROOST antennas. At the same time an open ditch was under excavation along the eastern site boundary. This ditch was extended further toward the north by and was subsequently buried, terminating at a liquid disposal area. This disposal area increased in size as observed on subsequent missions. Between a number of long new conduits were constructed to the site as depicted on

25X1D

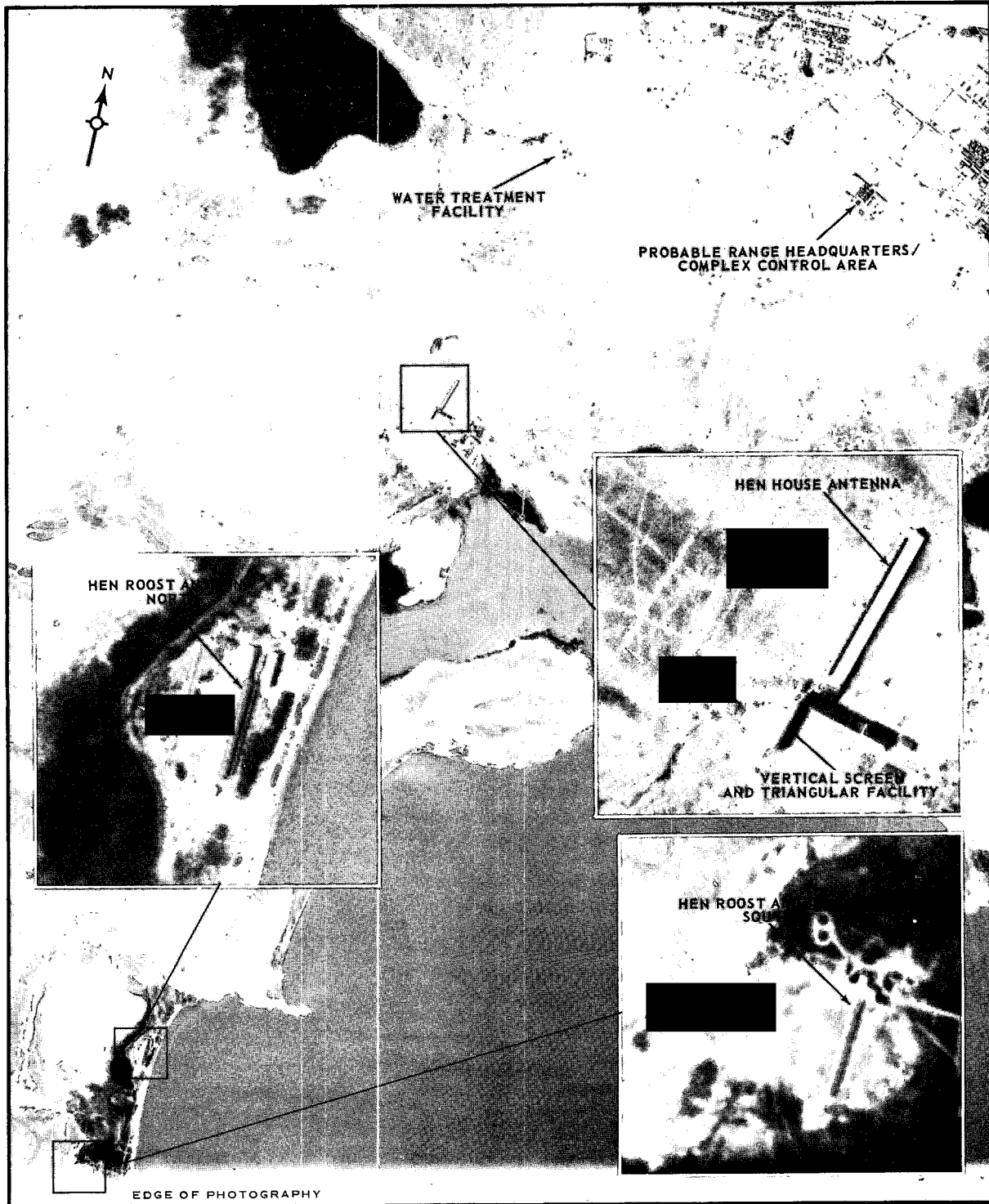
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FIGURE 2. HEN HOUSE AND HEN ROOST ANTENNAS, [REDACTED]

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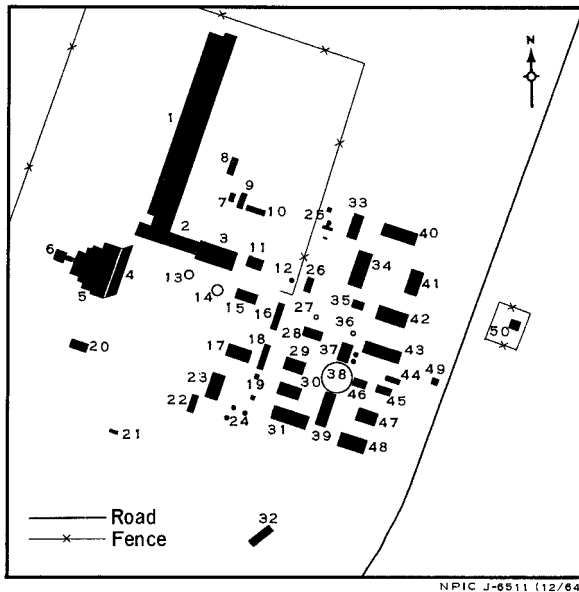


FIGURE 3. RADAR SITE 1.

NPIC J-6511 (12/64)

Figure 5. Numerous short ground scars and conduits have appeared from time to time in the support and operational areas, only some of which are shown on Figure 5 because of space limitations.

Fence realignment has taken place in the southwestern corner of the site to accommodate the recently constructed triangular facility and the vertical screen. Two fence segments observed in [redacted] just west of the antenna structure have been removed. The small-scale photography currently available could preclude distinguishing between fencelines and utility lines.

25X1D

TABLE 1. Key to Annotations on Figure 3

Item No	Description	Dimensions (ft, approx)	Remarks
1	Original HEN HOUSE structure	--	See Figures 6 and 7.
2	Original control bldg	--	See Figures 6 and 7.
3	Control bldg extension	--	See Figures 6 and 7.
4	Vertical screen	--	See Figures 6 and 8.
5	Triangular facility	--	See Figures 6 and 8.
6	Bldg at apex of triangular facility	--	See Figures 6 and 8.
7	Bldg	20 x 20	[redacted]
8	Bldg	100 x 55	[redacted]
9	Bldg	55 long	[redacted]
10	Bldg	110 long	[redacted]
11	Bldg	85 x 35 x 20 high	Flat roof. [redacted] probably completed by [redacted]
12	Probable bunker	--	Identifiable as a bunker on TALENT photography. Configuration details not discernible on current small-scale photography.
13	Probable buried tank	--	Circular excavation observed at site on TALENT photography. Served by buried conduit.
14	Possible buried tank	--	First observed as circular ground scar between [redacted] appeared earth covered by [redacted] Served by buried conduit.
15	Bldg	85 x 65 x 15 high	Probable gable roof. [redacted] appeared complete by [redacted]
16	Bldg	110 x 25	Gable roof. [redacted] dismantled between [redacted]
17	Bldg	130 x 45 x 10 high	Gable roof. [redacted]
18	Bldg	110 x 25 x 15 high	Gable roof.
19	2 bldgs	Each 20 x 20	
20	Bldg	55 x 35	

25X1D

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TABLE 1 (Continued)

Item No	Description	Dimensions (ft, approx)	Remarks
21	Unidentified facility, possibly a bunker	--	U/c between [redacted] Trail served. 25X1D
22	Hardstand or very low shed-type bldg	75 x 40	
23	Bldg	110 x 65 x 20 high	Probable gable roof. 25X1D
24	Several very small u/i structures	--	Appeared between [redacted] 25X1D
25	Three small u/i structures	--	[redacted] two appeared between [redacted] 25X1D
26	Bldg	35 x 25	Gable roof. 25X1D
27	Possible buried tank	--	Identifiable on TALENT photography; details not apparent on current photography.
28	Bldg	35 x 25	Gable roof.
29	Bldg	50 x 30 x 10 high	Gable roof.
30	Bldg	80 x 25 x 15 high	
31	Bldg	130 x 55 x 25 high	
32	Bldg	130 x 35	[redacted] 25X1D
33	Barracks-type bldg	110 x 45 x 15 high	Hip roof.
34	Bldg	155 x 40 x 25 high	
35	Bldg	25 x 25	Gable roof.
36	Possible buried tank	--	Identifiable on TALENT photography; details not discernible on current photography. 25X1D
37	Steam plant	--	One tall stack in [redacted] two stacks visible in [redacted] 25X1D
38	Apron for coal supply	--	
39	Bldg	140 x 35 x 10 high	Gable roof. Constructed between [redacted] 25X1D
40	Bldg	160 x 45	Flat roof. 25X1D
41	Bldg	100 x 25 x 10 high	Flat roof.
42	Administration/barracks-type bldg	135 x 30 x 10 high	Gable roof.
43	Administration/barracks-type bldg	155 x 55 x 20 high	Hip roof.
44	Bldg	30 x 30	
45	Bldg	30 x 30	
46	Bldg	50 x 30	
47	Barracks-type bldg	110 x 60 x 15 high	Hip roof.
48	Barracks-type bldg	125 x 55 x 25 high	Hip roof.
49	Bldg	20 x 20	
50	Bldg	20 x 20	Possible mast identified on TALENT photography. Fenced. 25X1D

HEN HOUSE ANTENNA

25X1D The HEN HOUSE antenna structure (Figures 6 and 7), first observed in [redacted] does not appear to have changed significantly through [redacted] 25X1D The structure measures 890 feet in length. Intensive review of the large-scale TALENT photography of [redacted] has 25X1D resulted in certain significant mensural changes, as depicted in Figure 7. The overall width of 25X1D the antenna structure including the shed is [redacted] feet, with the width from the rear wall to the ridgeline [redacted] and from the ridgeline to the front shed wall 45 feet. The height of the struc-

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25X1D

ture at the ridgeline is [REDACTED]. The length of the roof slope on the face side of the antenna from ridgeline to shed is 40 feet and it is [REDACTED] degrees off the vertical; the shed roof length is [REDACTED]. The rear roof slope is [REDACTED] long and it is [REDACTED] off the vertical; the vertical rear wall is [REDACTED]. Roof slope angles can be considered accurate to plus/minus 10 degrees.

off the vertical. The antenna face appeared light-toned on [REDACTED] photography as well as on subsequent available photography when the face was discernible until [REDACTED]. At that time approximately 190 feet along the northern end of the antenna face appeared dark. One year later, on [REDACTED] coverage, and on subsequent missions the entire antenna face appeared black. [REDACTED] the most recent coverage included in this report, the antenna face was not discernible.

The orientation of the perpendicular bisector of the antenna is computed at [REDACTED] (referenced to true north and accurate [REDACTED]).

Development of the HENHOUSE antenna and other components of the operations area is depicted in Figures 9 through 11.

Between [REDACTED] numerous crates were removed from the vicinity of the antenna structure, and an unidentified object casting a heavy shadow at the middle of the antenna structure in [REDACTED] had been removed.

The antenna face is housed in an area approximately [REDACTED] across the west side of the structure and consists of at least 40 panels. The antenna face is [REDACTED].

CONTROL BUILDING

The original control building (Figures 6 and 7) observed in [REDACTED] measured approximately [REDACTED]. It is positioned at right angles to the south end of the antenna structure and is connected to it by a building 85 feet long by 65 feet wide. By [REDACTED] an extension was being added to the east end of the control building. Construction continued in [REDACTED] the extension appeared complete externally except for possible

activity on the roof. This addition is higher and wider than the original building, measures 100 by 75 and is 55 feet high.

The area to the west of the control building, which was being bulldozed in [REDACTED] appears to be a below-grade entrance on subsequent photography. Probable vehicles were parked there as observed on photography taken during the [REDACTED] and between [REDACTED].

TRIANGULAR FACILITY AND VERTICAL SCREEN (Figures 6 and 8)

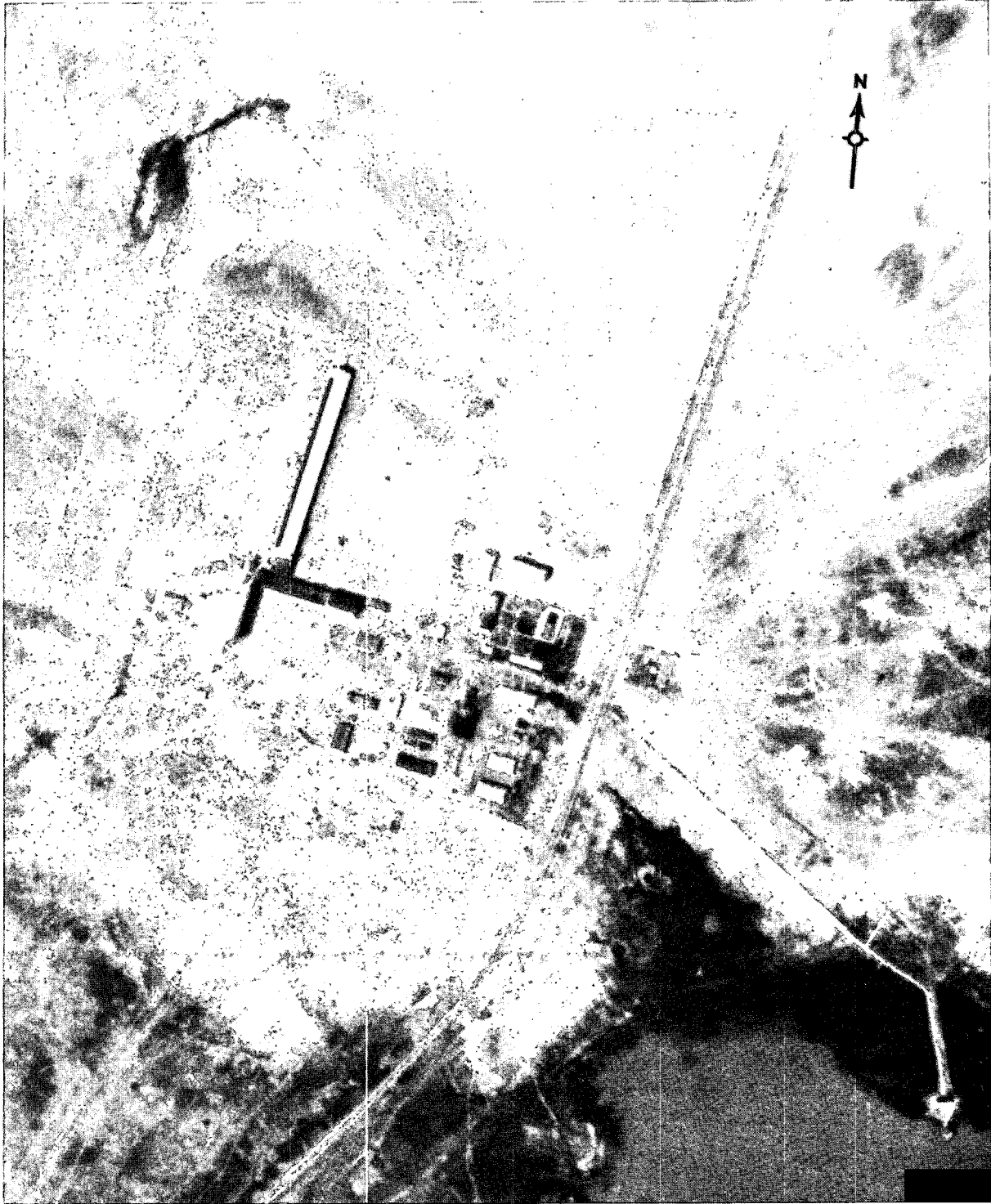
Earth scraping of an unidentified nature was observed on [REDACTED] photography in the southwest corner of Radar Site 1 just southwest of the control building. By [REDACTED] a generally triangular light-toned facility was under construction at this site with a small low building

positioned to the west at the apex of the triangle. Construction activity was in progress at the same time east of the base of the triangular facility. Realignment of the western and southern fence-lines appeared to have taken place to accommodate the new construction activities.

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25X1D

NPIC J-6512 (12/64)

FIGURE 4. RADAR SITE 1, [REDACTED] 25X1D

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Work continued on the triangular facility
25X1D [redacted] and a structure could
be identified connecting this facility and the
low building at its apex. Construction was ob-
served during this time 125 feet east of the
base of the triangular facility (east of the site
of a vertical screen to be developed subse-
quently). Two linear areas were under de-
velopment (including probable excavation), par-
alleling the base of the triangular facility. The
western strip approximated 40 feet in width,
the eastern strip 25 feet in width, with a sepa-
ration interval of 80 feet.

25X1D [redacted] activity was noted for the
first time in the area adjacent to the base of
the triangular facility. A structure under de-
velopment, probably to provide the base for
the vertical screen to be erected shortly, is
light-toned, appears to be on ground level, and
measures approximately 200 by 60 feet. It ex-
tends from the northern edge of the triangular
facility and by [redacted] had reached a
point 45 feet from the southern edge of the
facility. The area of activity observed in [redacted]
25X1D [redacted] falls to the east of this structure and
25X1D appears dark in tone on this coverage.

25X1D By [redacted] with snow conditions
25X1D prevailing, construction appeared to have taken
place since [redacted] along the entire length
of the site of the future screen and just to the east
of it.

The triangular facility, the low building at
the apex with connecting structure, and the verti-
cal screen appeared complete or nearly com-
plete externally on small-scale photography of
25X1D [redacted]. The low flat-roofed building at the
apex of the triangular facility measures approxi-
mately 75 by 45 and is 15 feet high. The tri-
angular facility is stepped or notched, approxi-
mately 245 feet wide at the base, 85 feet wide
at the apex, with a depth of 195 feet. Five
steps are contained in the facility, with depths

of approximately 80, 40, 20, 40 and 15 feet,
respectively, from the base to the apex. The
surface of the facility appears to be flat and of
uniform height from the ground (approximately
10 feet). Although on almost every coverage
the facility is highly reflective, appearing very
light in tone, its composition cannot be as-
certained from available photography. [redacted] 25X1D

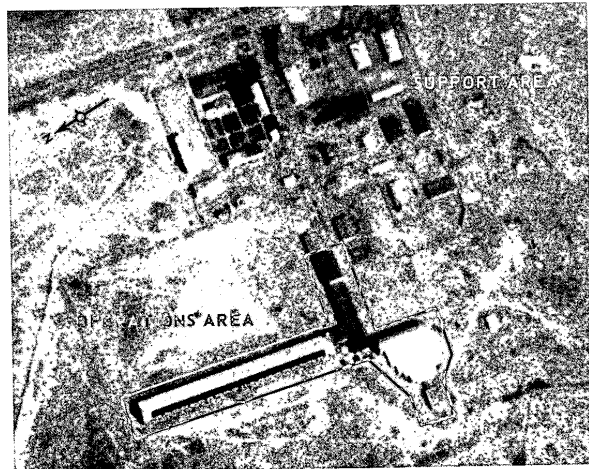
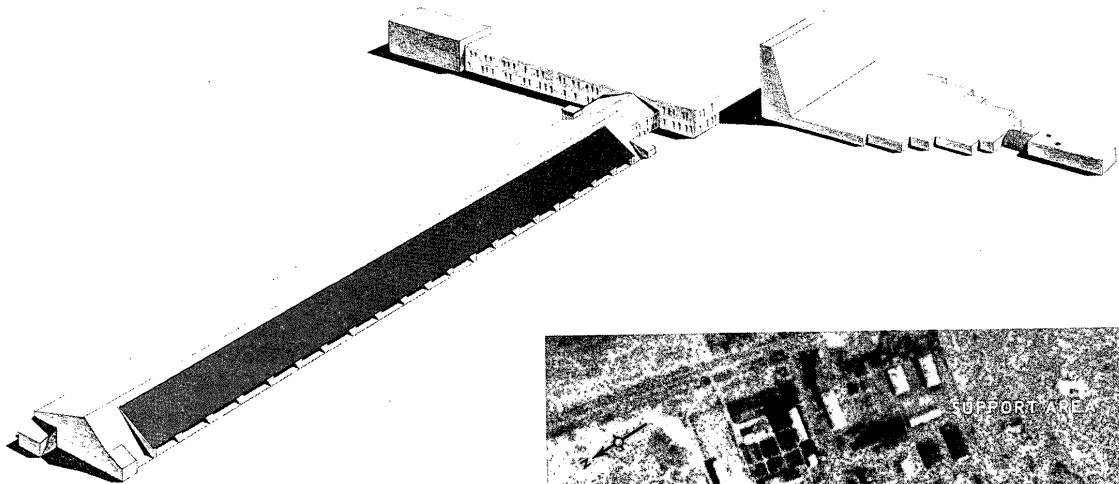
[redacted] 25X1D
[redacted] 25X1D
[redacted] the surface appears gray. Whether this
tone is attributable to sun angle could not be
determined. The gray/light tone noted on [redacted] 25X1D
[redacted] 25X1D apparently was
caused by a combination of snow and dust.
Connecting the two facilities is a structure of
undetermined width, approximately 30 feet long.

Along the base of the triangular facility
and [redacted] 25X1D feet from the southwest
corner of the control building a vertical screen
approximately 110 feet high has been con-
structed. Configuration details and mensuration
must be considered as approximate since inter-
pretation has been based almost entirely on
shadow analysis. The screen is estimated to be
at least 245 feet wide (possibly somewhat wider)
and appears to abut the triangular facility at its
base, with no apparent curvature. The vertical
screen and the triangular facility appear to line
up with each other at the southern extremity.
Dense shadows and indistinct imagery preclude
detailed interpretation of the northern extremity
of the screen. However, the screen or an append-
age to it may possibly extend a short distance
beyond the northern terminal point of the tri-
angular facility, as portrayed on Figure 8.
Several small unidentified structures, too in-
distinct for graphic portrayal, are positioned
close to and aligned with the northern and south-
ern extremities of the screen. It is an estimated
35 feet at the base and [redacted] 25X1D at the top. The
vertical screen and triangular facility both par-
allel the original antenna structure, having as

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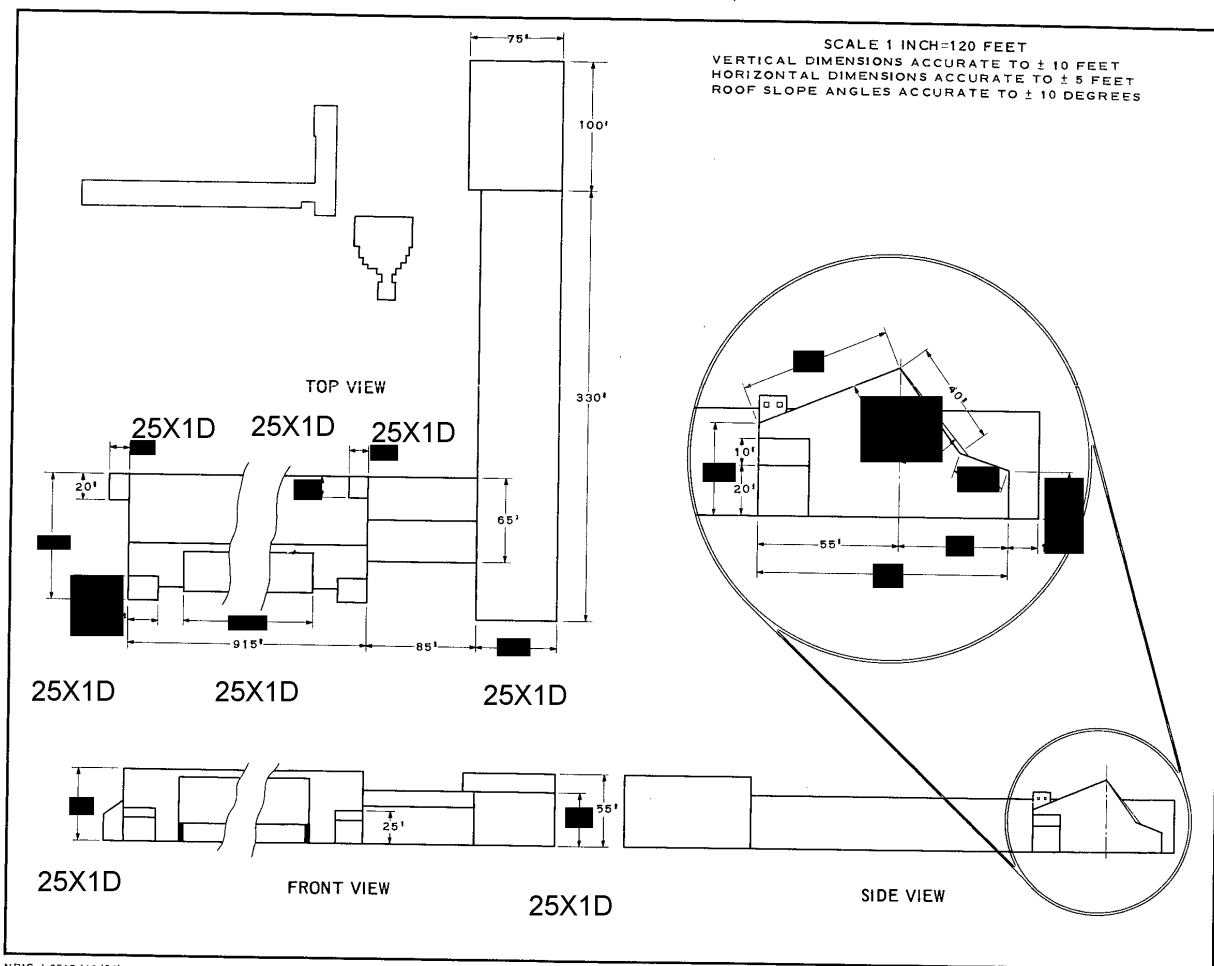
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NPIC J-8514 (12/64)

FIGURE 6. CONCEPT OF OPERATIONS AREA AT RADAR SITE 1, [REDACTED]

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NPIC J-8515 (12/64) FIGURE 7. SCHEMATIC DRAWING OF THE HEN HOUSE ANTENNA AND CONTROL BUILDING AT RADAR SITE 1, [REDACTED] 25X1D

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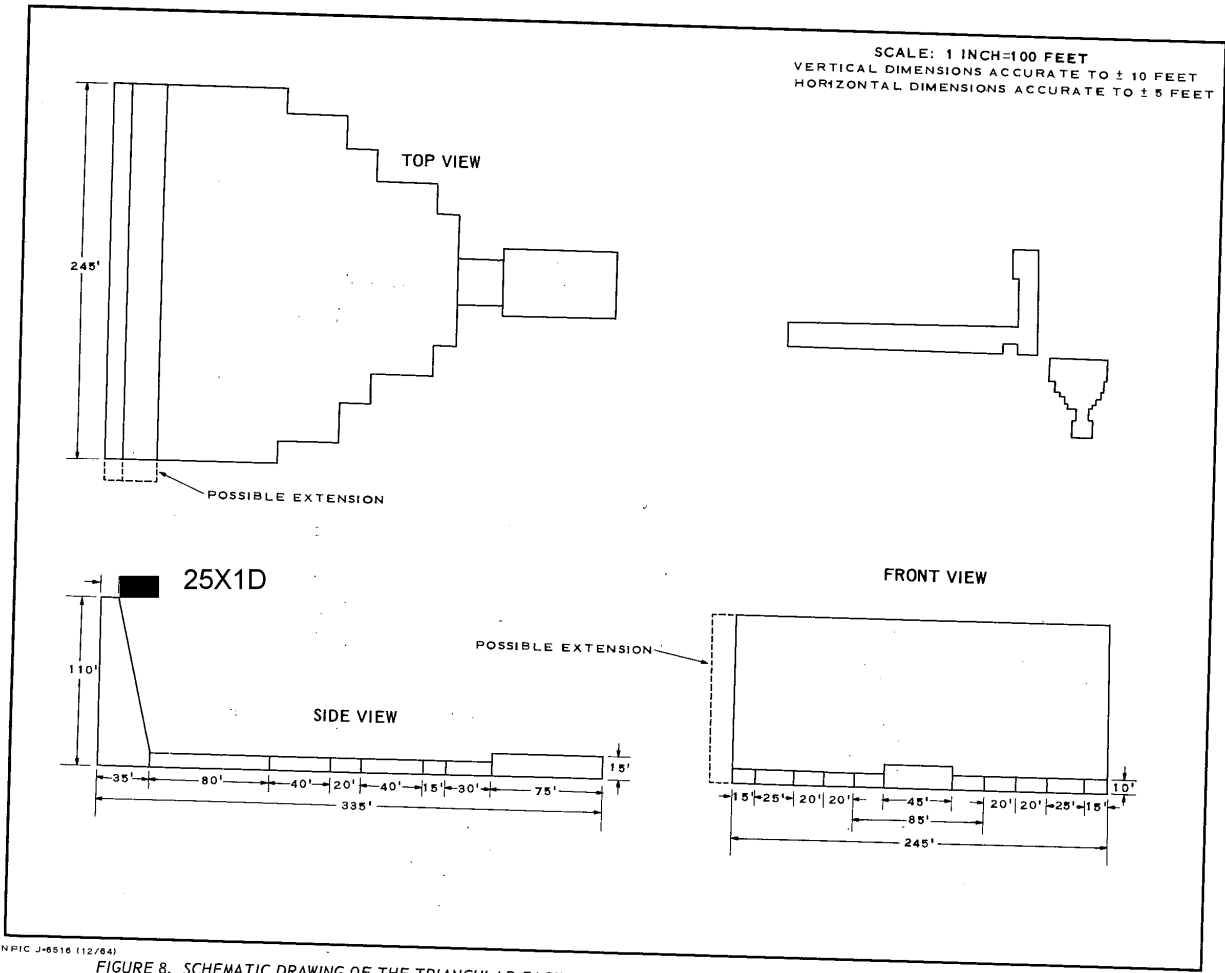


FIGURE 8. SCHEMATIC DRAWING OF THE TRIANGULAR FACILITY AND THE VERTICAL SCREEN AT RADAR SITE 1, [REDACTED]

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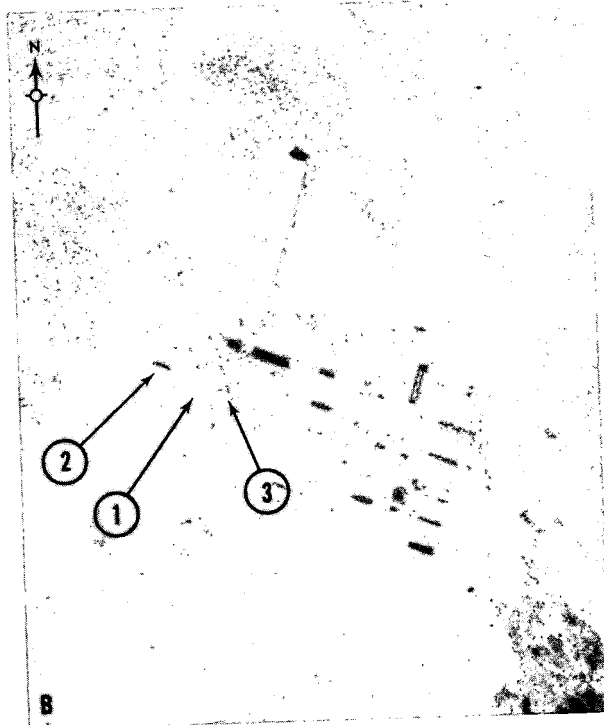
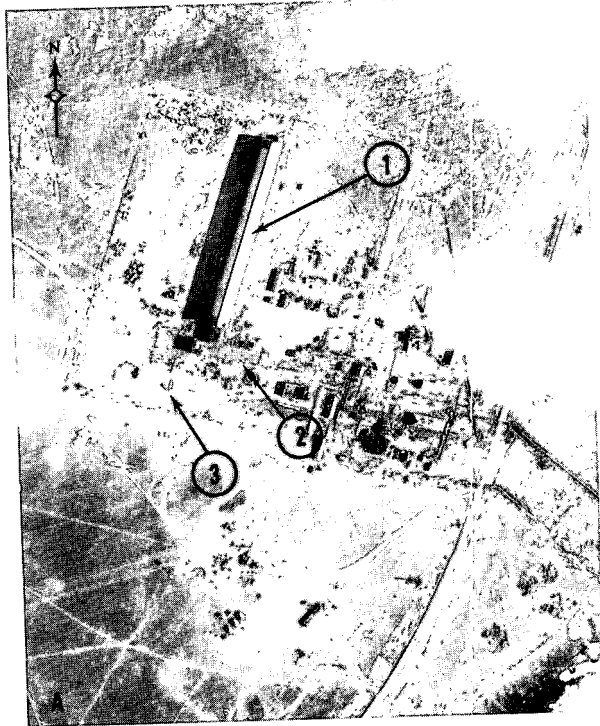
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25X1D
A. In [redacted] Radar Site 1 consisted of an antenna structure (1) with light-toned panels in the antenna face and a control building (2). Note initial earth scraping (3) to the southwest of the control building.

25X1D
B. By [redacted] a stepped light-toned triangular facility (1) with a low building (2) at its apex is under development. Construction activity (3) is noted to the east of the triangular facility.

C. Work continues on the triangular facility (1) and in the area (2) to the east of it in [redacted]

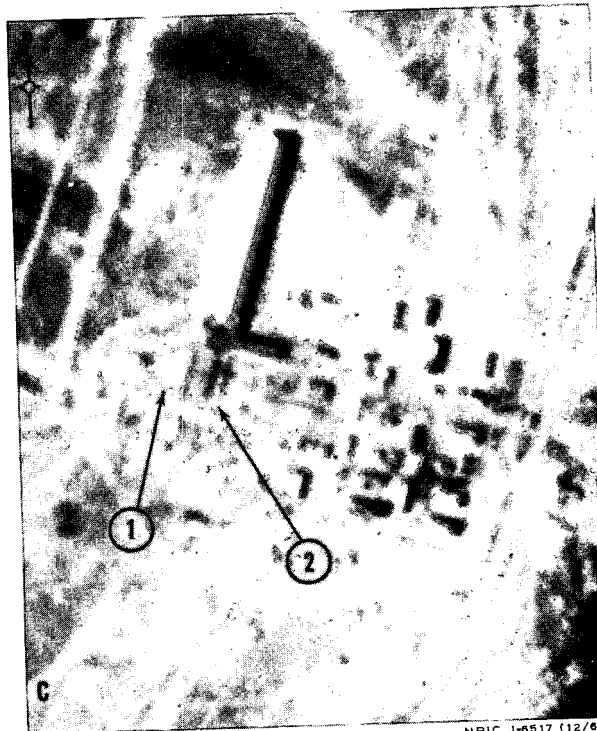


FIGURE 9. DEVELOPMENT OF THE OPERATIONS AREA OF RADAR SITE 1 [redacted]

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A. On [redacted] 25X1D photography work is noted on the probable base (1) for a vertical screen to be erected and on an extension (2) to the control building.

B. The vertical screen (1) at the base of the triangular facility (2) and the extension (3) to the control building appear complete or nearly complete externally on small-scale photography of [redacted] 25X1D

C. A segment (1) of the HEN HOUSE antenna face approximately 1,900 feet long appears dark in tone on photography of [redacted] 25X1D

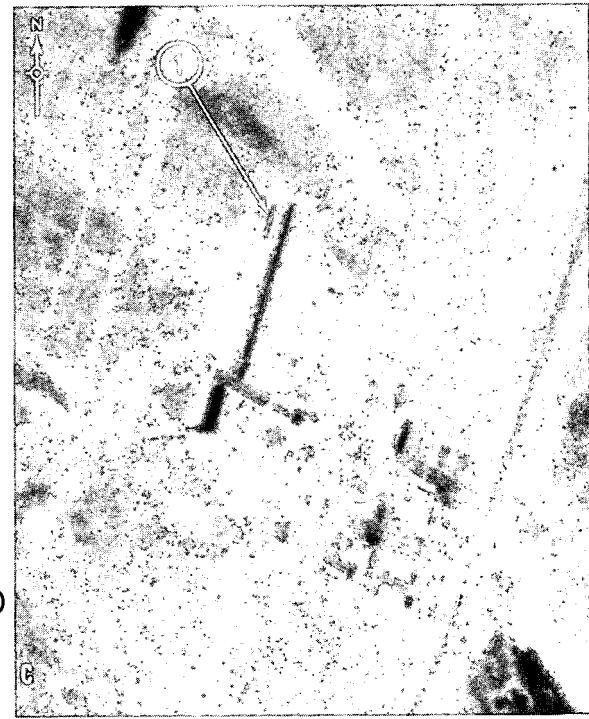
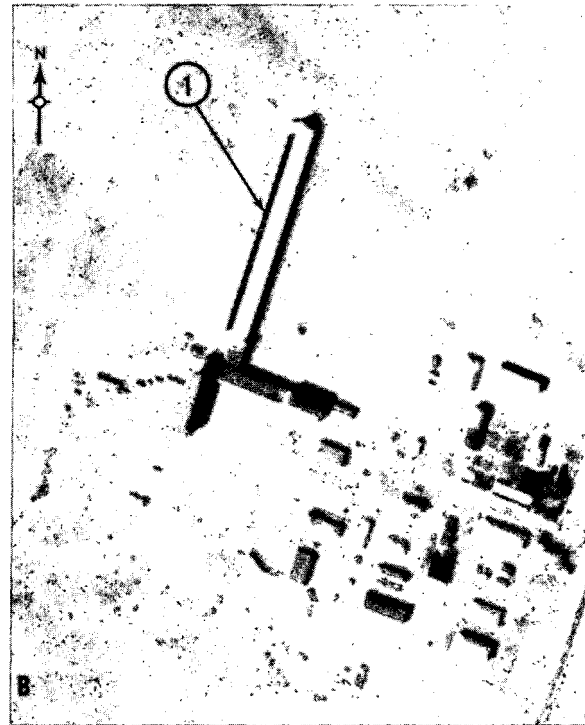
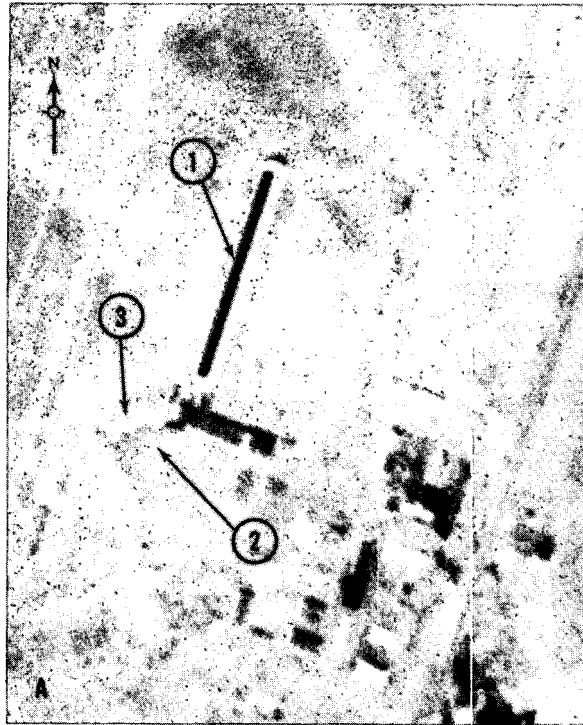


FIGURE 10. DEVELOPMENT OF THE OPERATIONS AREA OF RADAR SITE 1 FROM [redacted] 25X1D

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25X1D A. On photography of [REDACTED] the entire antenna face (1) appears black. The vertical screen (2) and triangular facility (3) are barely visible.

B. The antenna face (1) remains black on the latest available coverage of [REDACTED] 25X1D

25X1D

FIGURE 11. DEVELOPMENT OF THE OPERATIONS AREA OF RADAR SITE 1 FROM [REDACTED] NPIC J-6519 (12/64) 25X1D

25X1D well a perpendicular bisector of [REDACTED] (referenced to true north and accurate [REDACTED]) The area immediately to the east of the screen is usually in shadow, thus precluding determination of recent activity there. Levelling and grading comprise the only activity observed in visible portions to the east. A small number of light-toned objects, 15 to 20 feet square and approximately 10 feet high, are positioned on either side of the triangular facility. These objects decrease in number and were possibly used in the construction of the facilities.

25X1D From [REDACTED] no significant external changes could be discerned at

25X1D these facilities on small-scale photography. Several very small unidentified objects appeared on the roof of the building at the apex of the triangular facility. Probable construction materials observed on both sides of the facility in [REDACTED] were being removed by 25X1D [REDACTED] and the adjacent areas were being 25X1D levelled and cleared. In [REDACTED] a trail extended from a point close to the control building, proceeded around the triangular facility to the southeast to a small area of unidentified construction activity, possibly a bunker. Construction continued through [REDACTED] 25X1D

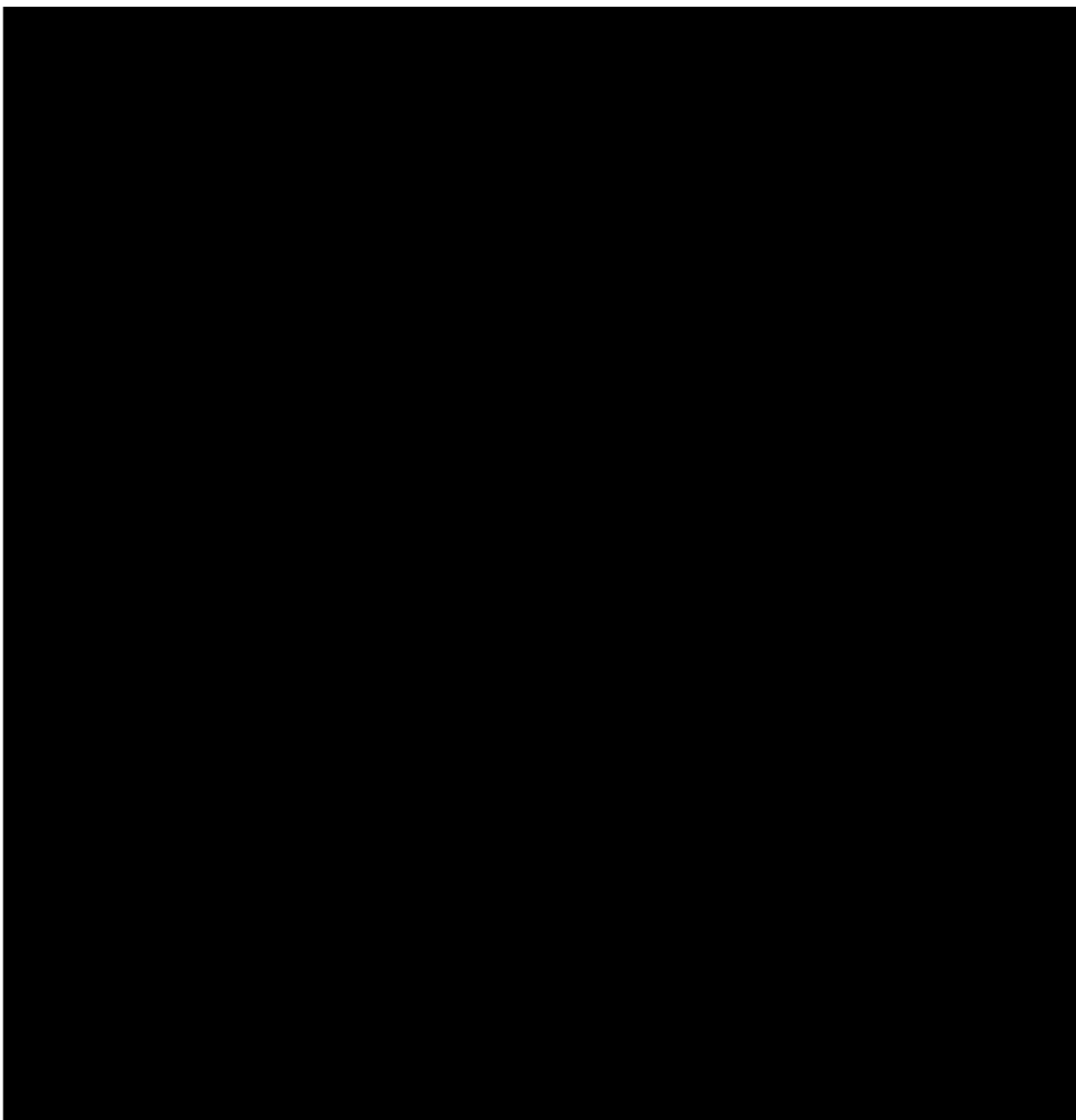
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REFERENCES

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MAPS OR CHARTS

ACIC. USAF Operational Navigation Chart, Sheet ONC-F-6, 1st classified edition, 30 Aug 61, scale 1:1,000,000 (CONFIDENTIAL)

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REFERENCES (Continued)

DOCUMENT

25X1C

- 1. CIA. PIC/JR-1010/61, *Antimissile Complex, Sary Shagan, USSR*, Apr 61 (SECRET/No Foreign Dissem) [REDACTED]

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REQUIREMENTS

NSA. P0432/R55-64

CIA. C-RR4-81,565

NPIC PROJECT

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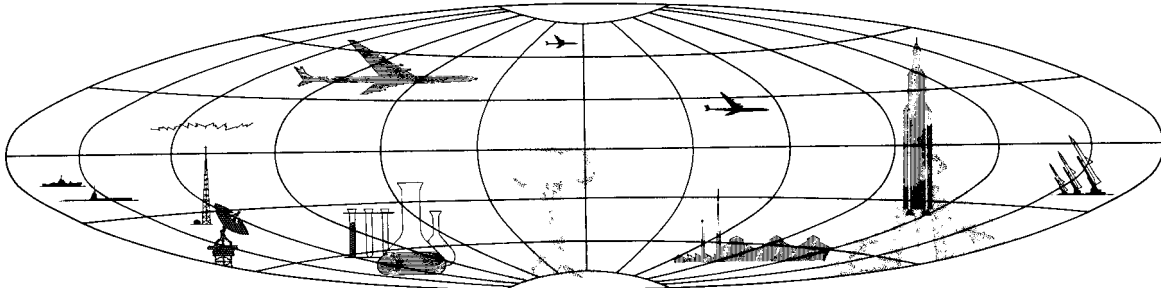
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PREFACE

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 1P1a (DIA). The photographic analysis for this particular report was performed by the Production Center 1P1a.

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 areas or courses, (S) special training facilities, (T) unidentified facilities or tracking activity.

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RIGA ARMY AMMUNITIONS DEPOT CEKULI PUG

(56-56N 024-25E)

RIGA, LATVIYSKAYA SSR, USSR

BALTIC MD

25X1A

25X1C

AL No:

COMOR No:

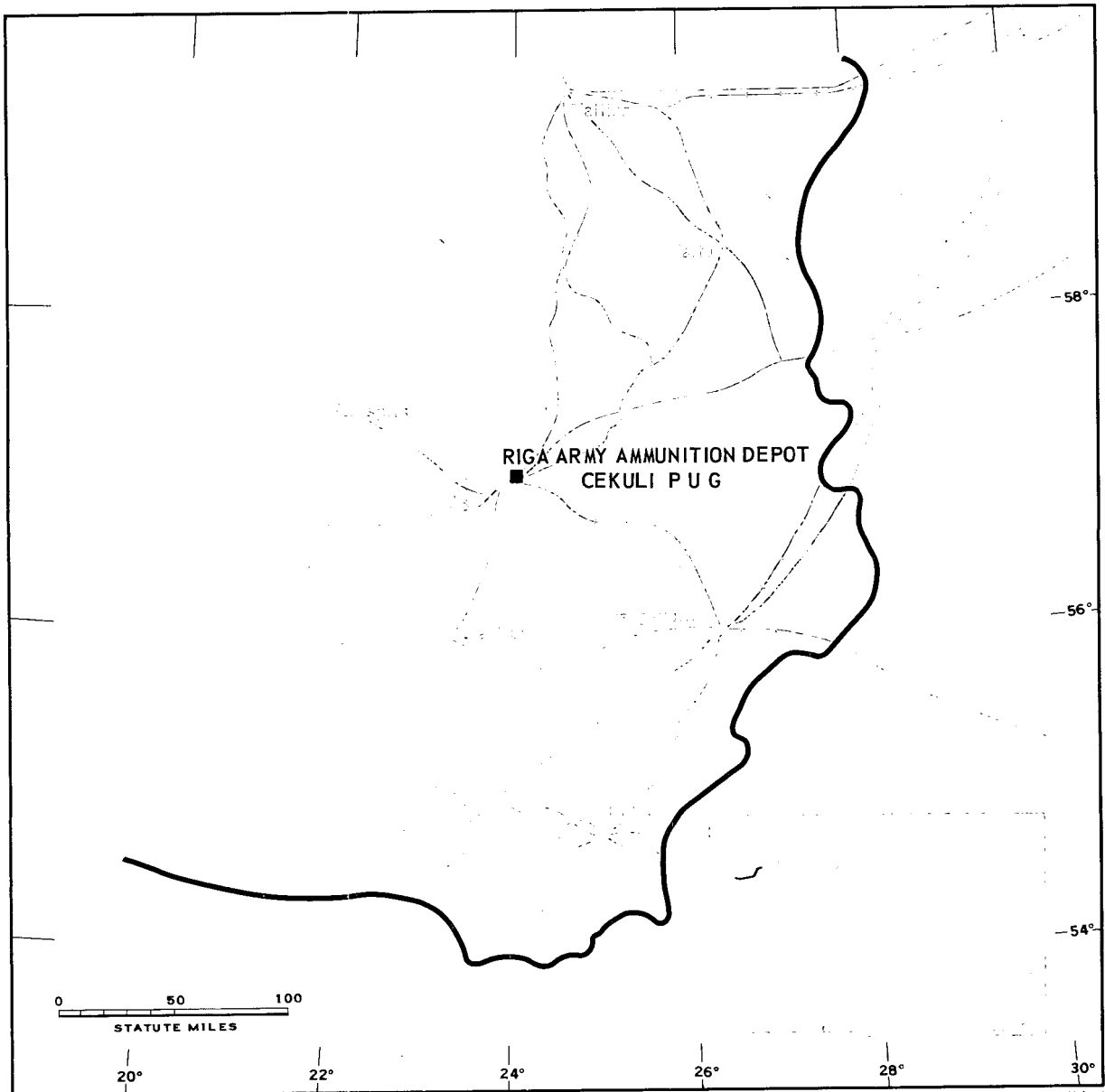


FIGURE 1. LOCATION OF RIGA ARMY AMMUNITION DEPOT CEKULI PUG.

NPIC J-6533 (1/65)

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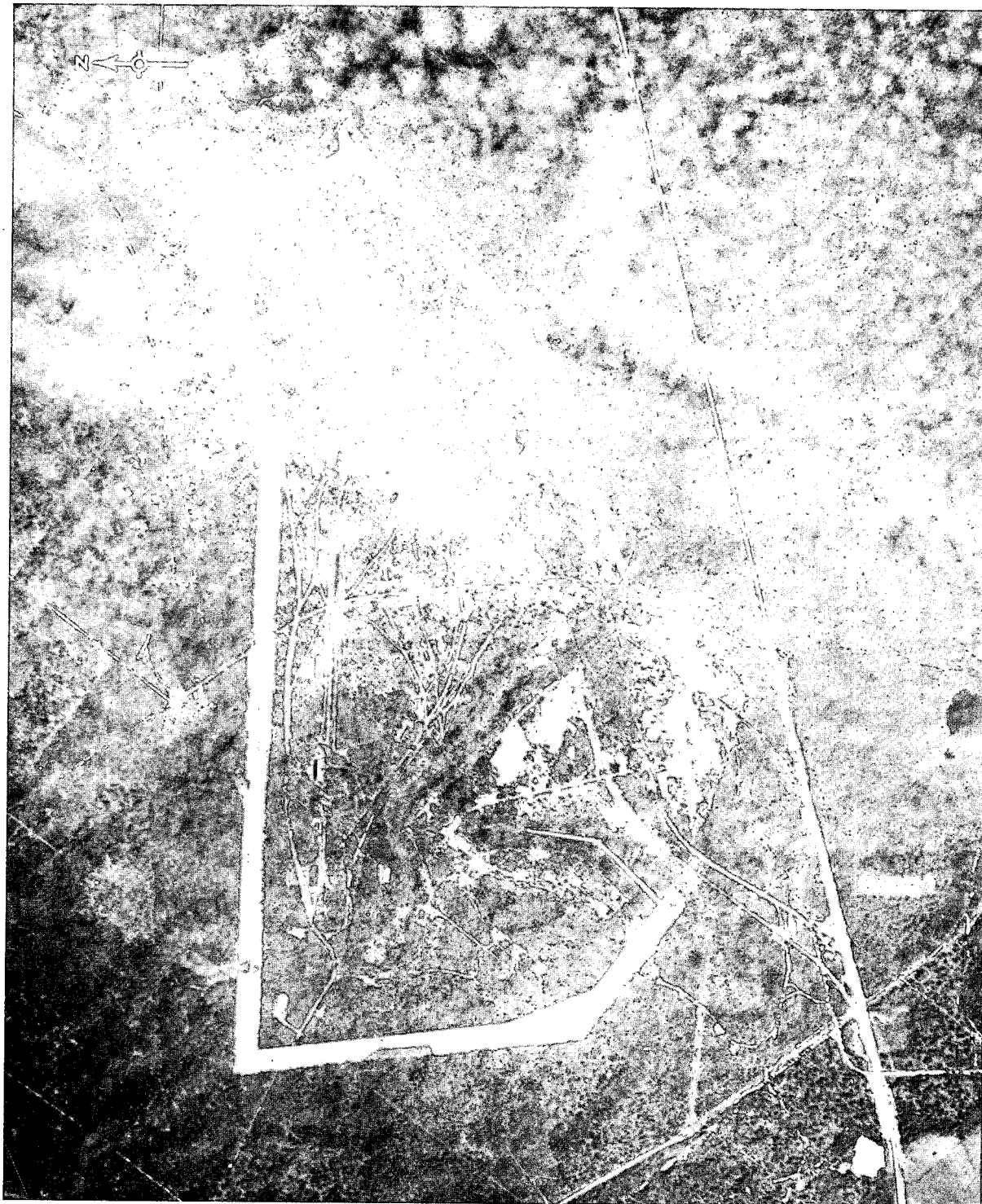


FIGURE 2. RIGA ARMY AMMUNITION DEPOT CEKULI PUG, RIGA, USSR, [REDACTED]

NPIC J-6534 (1/65)

25X1D

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SUMMARY

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25X1D

A double-secured ammunition storage depot covering approximately 500 acres is located 15 kilometers (km) east of Riga, immediately north of the Riga-Madona rail line (Figure 1). The depot probably stores ammunition and explosives for the numerous army units in the city of Riga and for the Riga Army Training Area Ropazi North, located 20 km north.

The depot contains 2 barracks, 2 administration buildings, 31 ammunition storage build-

ings (6 built into the side of a hill), 24 support buildings, 1 bunker, 8 possible bunkers, and a possible cave (Figures 2 and 3). The natural terrain provides blast protection.

The area was covered by [REDACTED] TALENT and [REDACTED] KEYHOLE missions between [REDACTED] Comparative analysis reveals the expansion of the area from 36 to 500 acres and from 17 to 73 buildings during this time.

25X1D
25X1D

DESCRIPTION OF INSTALLATION

Railroad Service

Area contains 2 rail spurs (A1 and A2). A1 has 3 trackside docks and A2 has 1 trackside dock.

Road Service

The depot has a good interior road net and good all-weather roads connect it to Riga, Ogre, and Ropazi.

Administrative and Troop Housing Area

Area D contains 2 multistory barracks, 2 administration buildings, and 9 support buildings.

Ammunition Storage Area

Area F contains 31 ammunition storage buildings (6 sheltered by a hill), 1 bunker, 8 possible bunkers, 15 support buildings, and 1 possible cave.

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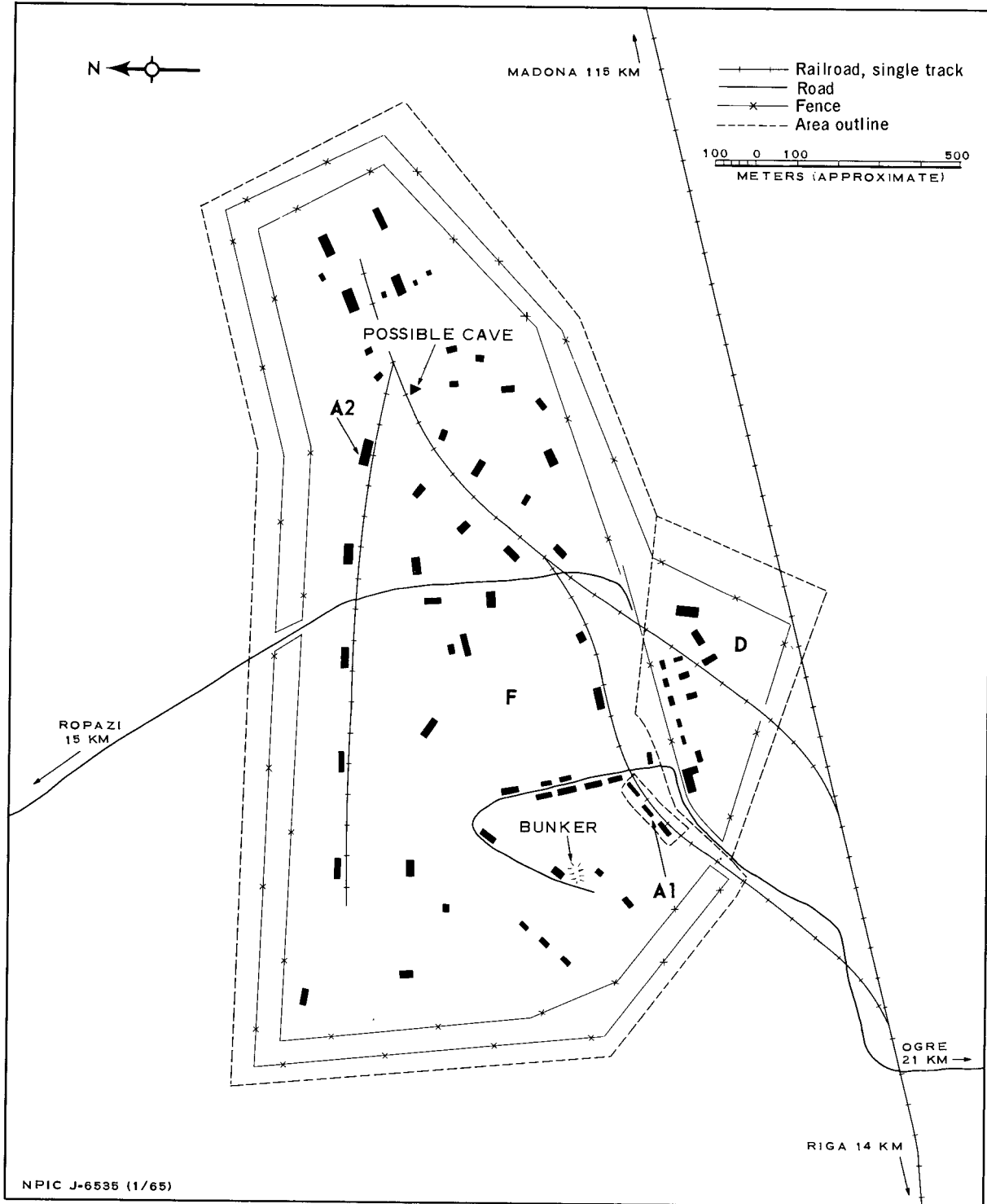


FIGURE 3. RIGA ARMY AMMUNITION DEPOT CEKULI PUG. Sketch compiled from [redacted]

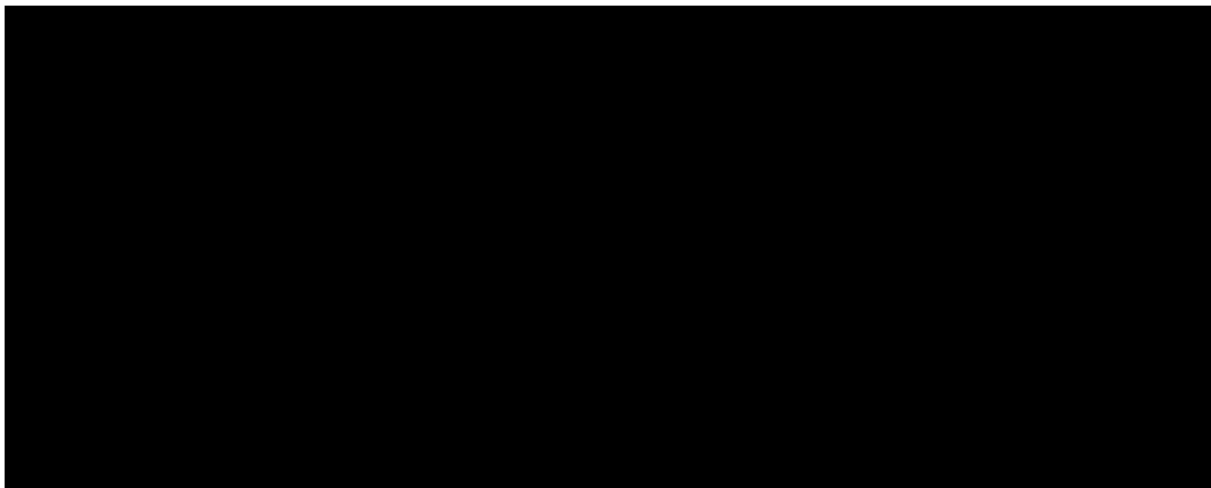
25X1D

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REFERENCES

25X1D

PHOTOGRAPHY



MAPS OR CHARTS

US Air Target Chart, Series 200, Sheet 0153-17HL, 3th ed, Jul 63 (SECRET)

DOCUMENT

Army. SPIR 8058, *Military Installation Data, Riga, USSR*, Jan 58 (TOP SECRET CHESS)

REQUIREMENT

DIA-AAP-1-15-64 (partial answer)

NPIC PROJECT

11904/64

