

PHOTOGRAPHIC INTERPRETATION REPORT



**GROUND TARGET PATTERNS
VLADIMIROVKA
ADVANCED WEAPONS AND
RESEARCH CENTER
KY/VLAD MTC
USSR**

[Redacted]

25X1

OCTOBER 1967

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8 PAGES

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DECLASS REVIEW by NIMA/DOD

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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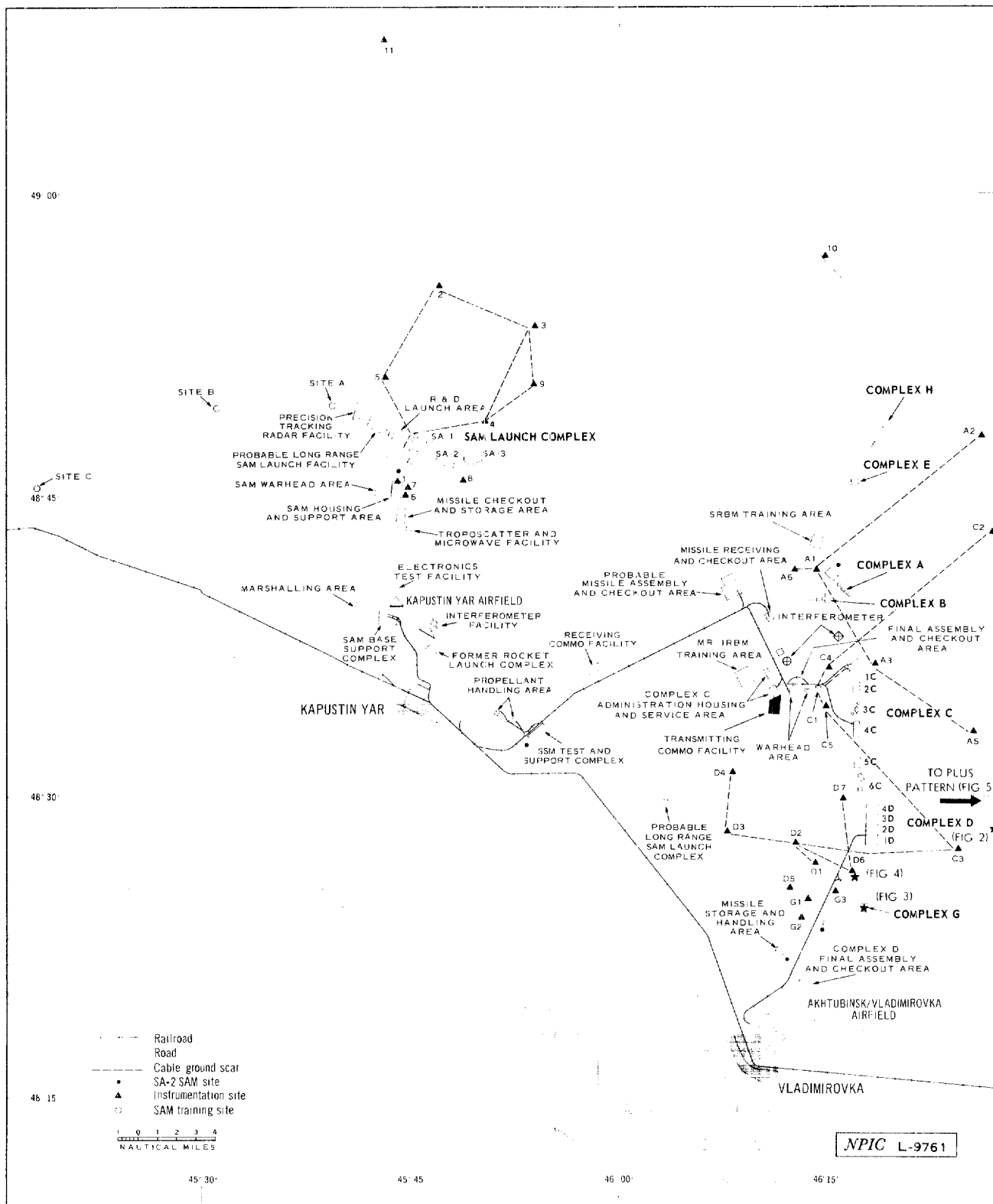


FIGURE 1. LOCATION OF NEW GROUND TARGET PATTERNS, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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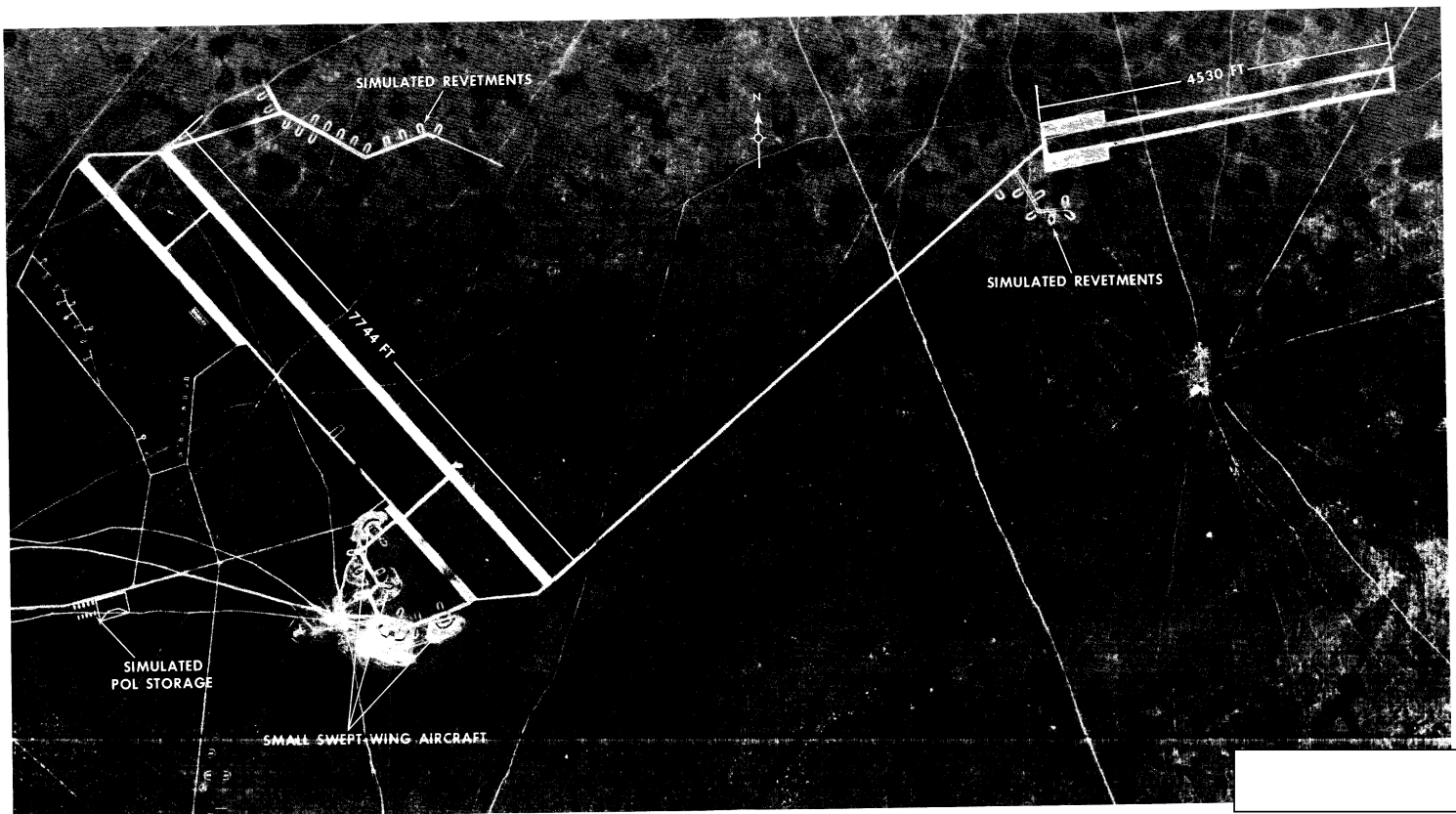


FIGURE 2. MOCKUP AIRFIELD, KY/VLAD MTC.

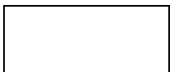
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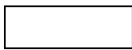
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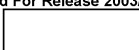
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Several new ground target patterns have been identified at the Kapustin Yar/Vladimirovka Missile Test Center (KY/Vlad MTC), USSR (Figure 1). These targets include a mockup airfield, linear patterns over an old launch area, aircraft revetments, a simulated 6-position defensive site, and a large plus-shaped pattern. All are located north and east of the Akhtubinsk/Vladimirovka Airfield and appear to be part of the Vladimirovka Advanced Weapons and Research Center (V.AWARC). The mock-up airfield (Figure 2) was constructed in less than 1 month. It can be negated on [redacted]

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[redacted] simulated runway, oriented northwest-southeast, with a parallel taxiway, 2 end-connecting links, and 2 crossover links. A second runway 4,530 feet long is represented by outline and is connected by a taxiway to the other runway. Simulated revetments are located near both runways and 5 actual revetments, 3 of which are occupied by a small swept-wing aircraft, are located near the southern parking apron. A POL storage area is also simulated through the use of the same light-toned surfacing material used to represent the runways and taxiways. The mockup airfield is located 6.7 nautical miles (nm) east of Launch Area 3D, the Luggage launch facility, 1/ and approximately 13.6 nm northeast of the Akhtubinsk/Vladimirovka Airfield at the KY/Vlad MTC.

Two linear patterns 1,960 by 200 feet and 1,325 by 185 feet, oriented generally east-west, have been constructed over the launch pads at Launch Complex G since [redacted] (Figures 3A and 3B). They are located approximately 4 nm south of Launch Complex D and 8 nm north-northeast of Akhtubinsk/Vladimirovka Airfield. These patterns, appear to be surfaced with the same material as the mockup airfield. New craters are present on and near these patterns and also on and near a circular pattern which was constructed over a former electronic position.

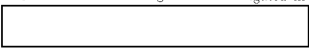
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Also constructed between [redacted] [redacted] is an area of activity (Figure 4) approximately 3 nm south-southeast of Launch Complex D and 2 nm northwest of the Launch Area G. It consists of 3 U-shaped revetments, 1 with a small swept-wing aircraft, a probable simulated defensive site consisting of 6 positions in a circular pattern, and 2 areas of unidentified activity. There is also considerable new cratering in this area.

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A new ground target (Figure 5), consisting of a large plus pattern, has been constructed approximately 25 nm east of Launch Complex D and approximately 32 nm east-northeast of Akhtubinsk/Vladimirovka Airfield. This target nearly bisects an imaginary line connecting the north and east positions of the large I instrumentation pattern and is approximately 1.5 nm southeast of the old target marker. This target can be negated in

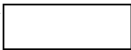
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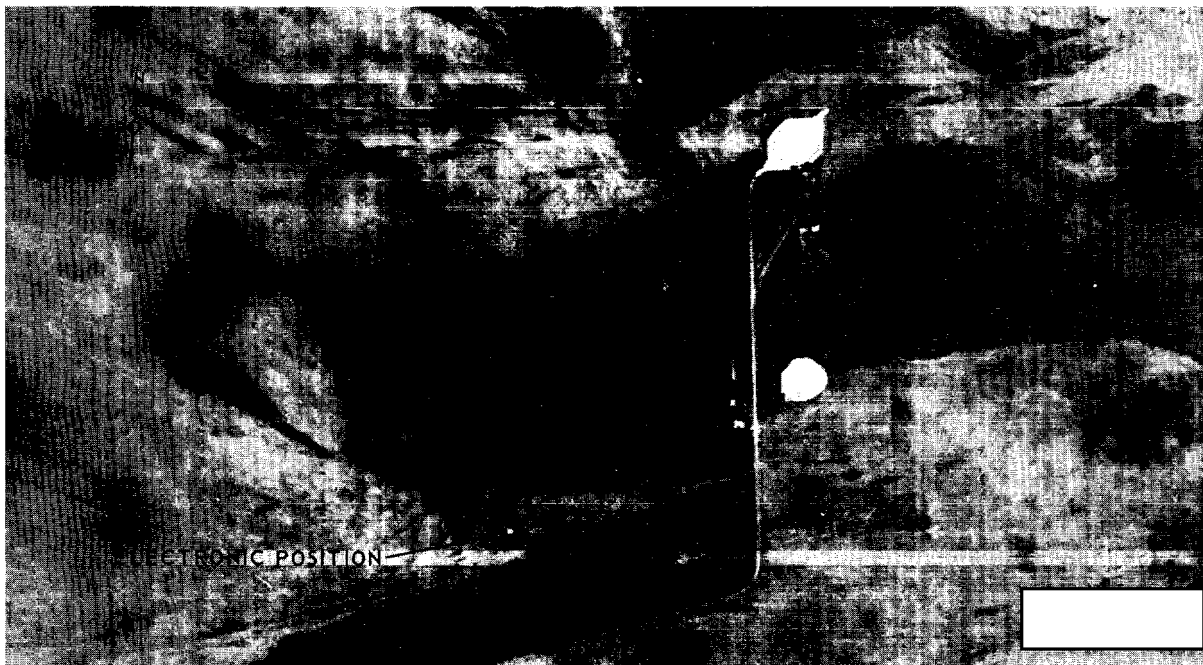


FIGURE 3A. LAUNCH AREA G, [REDACTED]

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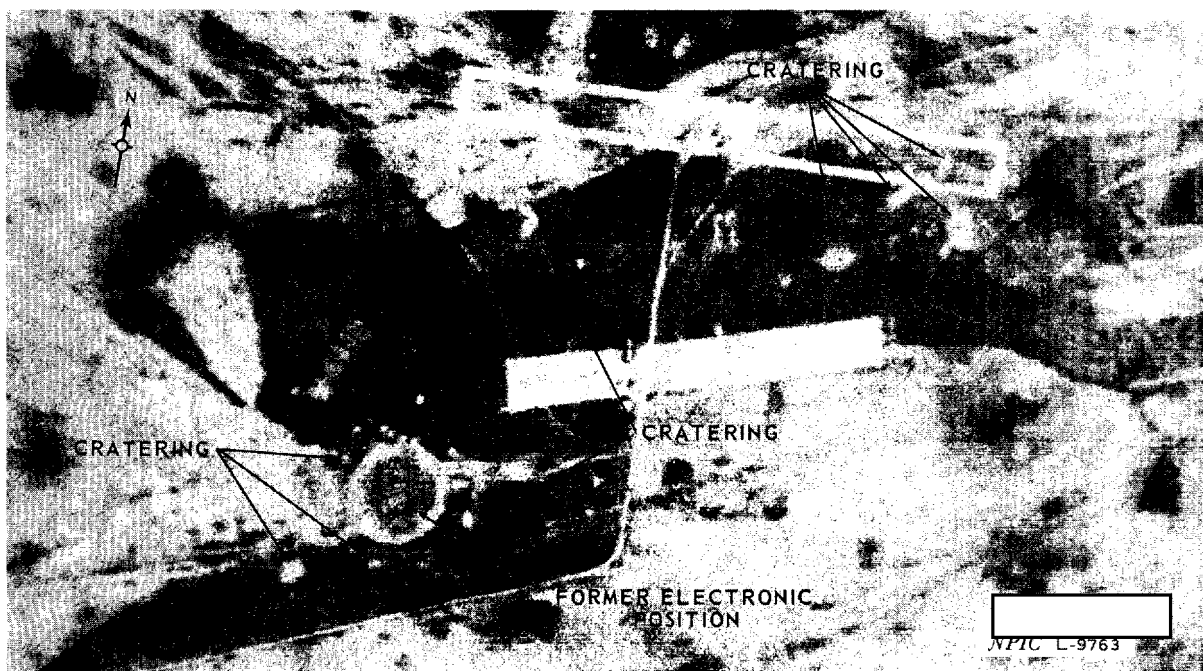
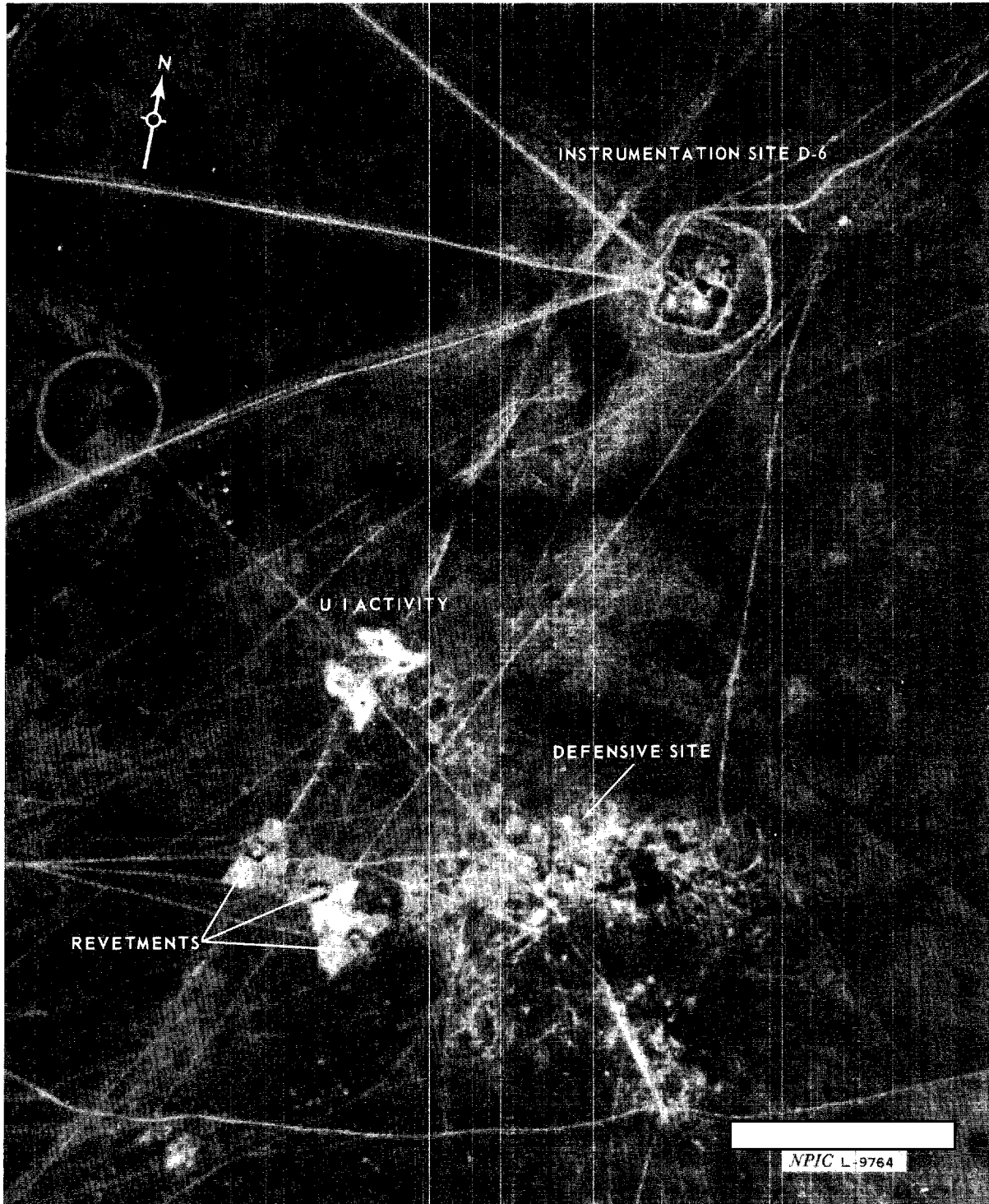


FIGURE 3B. FORMER LAUNCH AREA G, [REDACTED]

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FIGURE 4. AREA OF UNIDENTIFIED ACTIVITY.

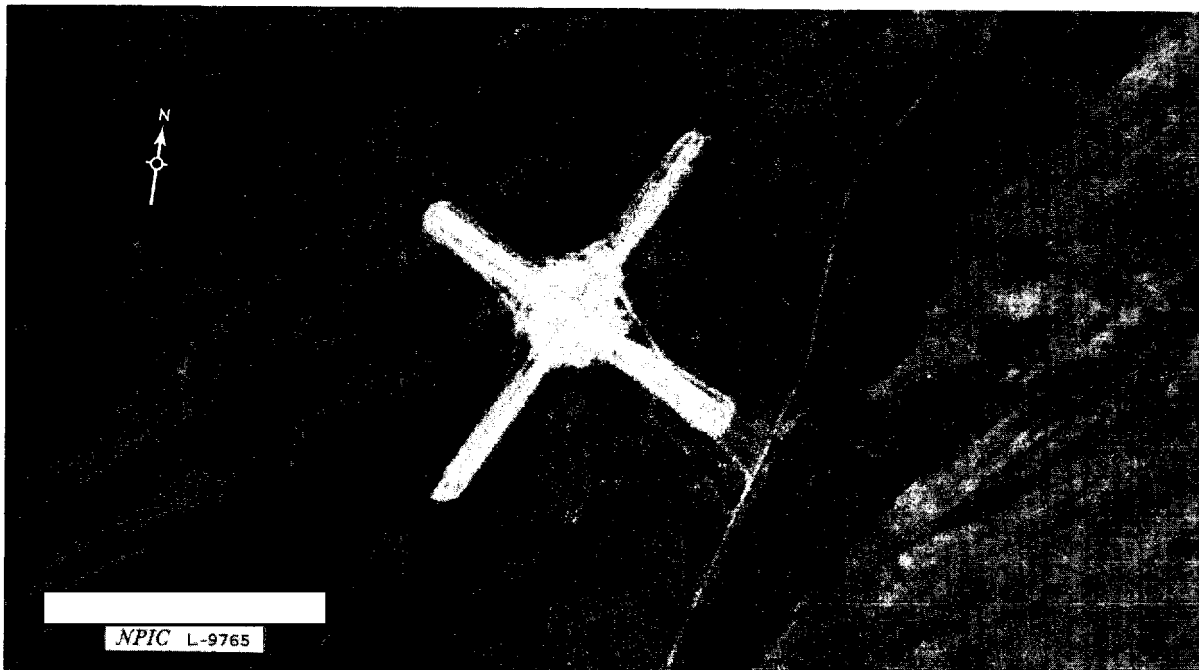
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FIGURE 5. PLUS PATTERN.

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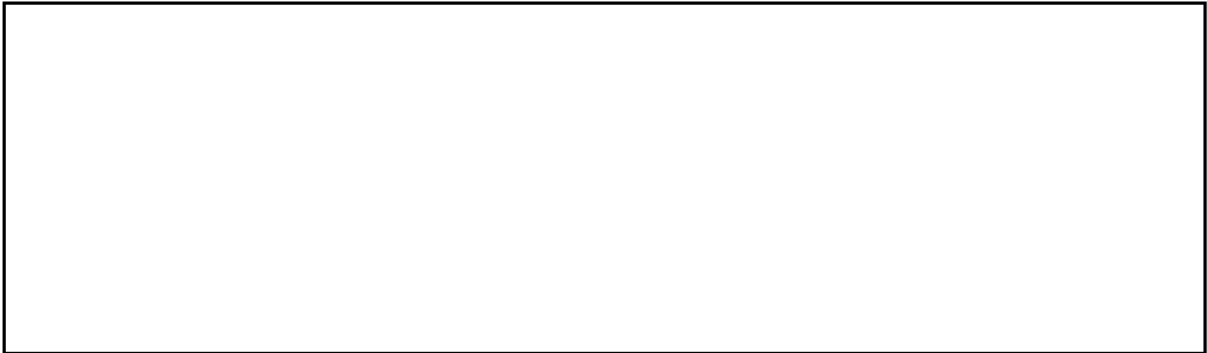
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REFERENCES

PHOTOGRAPHY



25X1D

DOCUMENT

- 1. CIA. *Scientific Intelligence Digest*, OSI-SD-SC/67-3, p 7, Mar 67 (TOP SECRET [redacted])

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MAPS OR CHARTS

USATC. Series 200, scale 1:200,000

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