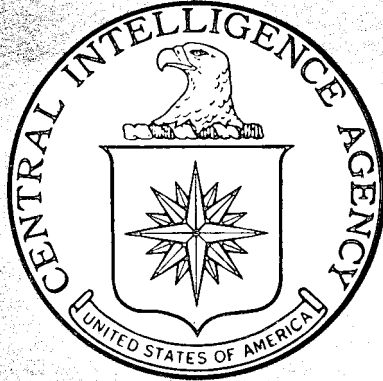


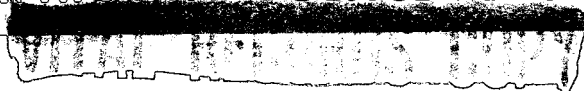
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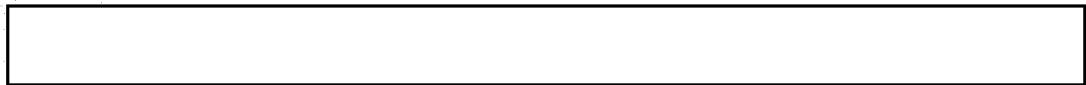
EMBA MISSILE TEST CENTER, USSR

SIGNIFICANT CHANGES SINCE



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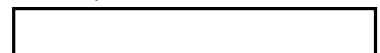
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NIMA/DoD



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CIA/PIR 61091



DATE Feb 1966

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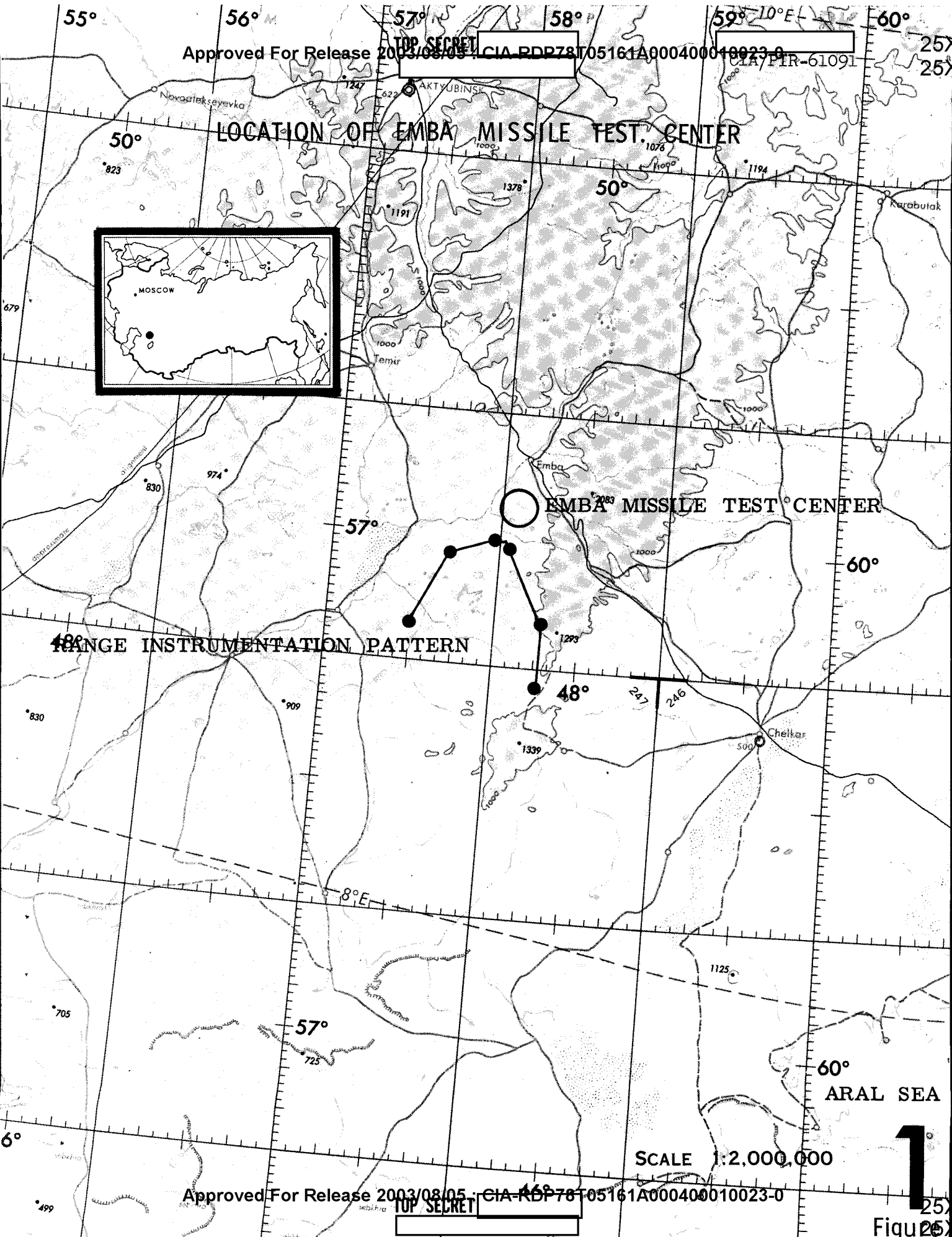


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# LOCATION OF EMBA MISSILE TEST CENTER



RANGE INSTRUMENTATION PATTERN

EMBA MISSILE TEST CENTER

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Fig 25

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EMBA MISSILE TEST CENTER, USSR

SIGNIFICANT CHANGES SINCE [REDACTED]

A probable GANEF missile was identified on [REDACTED] on the western launch pad designated A-1 at the Emba Missile Test Center (Figure 1). Although no definite detail could be discerned due to obliquity and haze, the overall length of the missile was measured to be approximately 25 feet, and the transporter-launcher was measured to be approximately 20 feet long. It is believed that only a single missile was present on the probable two-position transporter launcher. On the same coverage an empty probable transporter-launcher was observed on the eastern launch pad A-2. A vehicle/piece of equipment which was located at the rear of each of the launch pads could not be identified. The separation between the two probable transporter-launchers was measured by the photo analyst to be approximately 790 feet (Figures 2 and 5).

Unidentified objects have been observed on the launch pads at Emba on Missions [REDACTED] but no tentative identification of missiles can be made prior to [REDACTED]

[REDACTED] the most recent coverage of the Emba Missile Test Center, unidentified equipment was observed on both launch pads. However, no identification of missiles can be made. Two new possible launch pads have been constructed on a line with and outboard of the two original pads. The new possible launch pads are square, approximately 55 feet on a side, and each is surrounded by a low earthen revetment (Figure 3). Evidence of three pads was present on [REDACTED] but due to cloud cover and poor photography, they could not be interpreted.

A tower has also appeared outboard of the original eastern launch pad A-2. Two new buildings have been constructed within the launch area: one measuring approximately 150 feet by 50 feet and located on the main road entering the launch area; the other a bunkered structure measuring approximately 140 feet by 85 feet. Both are of undetermined function. In addition, two new buildings are under construction within the checkout area just to the east of the launch area (Figure 3). Construction has also been completed on a new building in the motor pool section of the operational support area.

Other additions of significance at the Emba Missile Test Center since [REDACTED] as observed on [REDACTED] appeared at Instrumentation Site 10. A trapezoidal clearing, possibly a fence line or fire break, surrounds a possible radar/electronics mount to the southeast of the main instrumentation site and is connected to it by an unimproved road or trail. Three possible drive-in revetments, possibly for mobile electronics equipment, are also present to the west of the main instrumentation building (Figure 4).

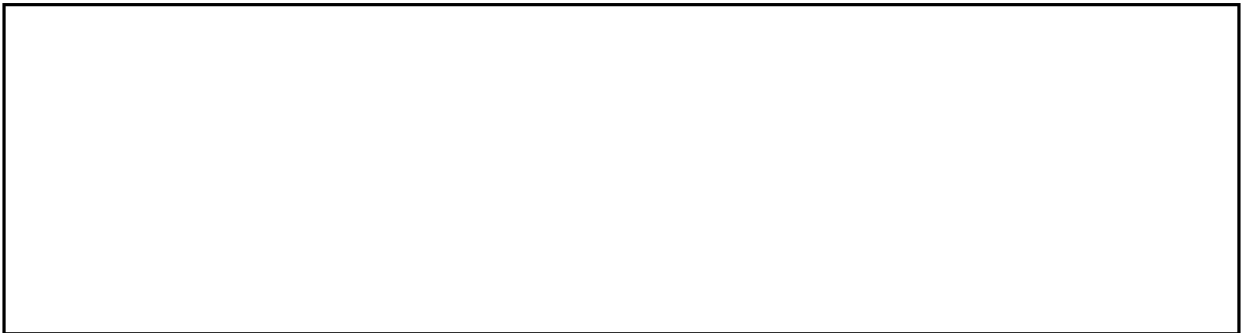
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ACIC. USAF Jet Navigation Chart, JN-23, Caspian Sea, Scale 1:2,000,000, 5th edition, August 1963 (UNCLASSIFIED)

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NPIC: [redacted] Emba Missile Test Center, USSR, September 1965  
(TOP SECRET [redacted])

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[redacted] March 1964 (TOP SECRET [redacted])

REQUIREMENT

C-RR5-82,599

CIA/IAD PROJECT

30704-5

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LAUNCH AND CHECKOUT AREA  
48 31 N - 58 01 E

PROBABLE CANEF MISSILE

VEHICLE / EQUIPMENT

TOWER

A-1

VEHICLE / EQUIPMENT

PROBABLE TRANSPORTER - LAUNCHER

CHECKOUT BUILDING

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ILLEGIBLE

2  
Figure



# LAUNCH AND CHECKOUT AREAS

48 31 N - 58 01 E



U / I EQUIPMENT

PAD A - 1

NEW BUILDINGS

PAD A - 2

NEW POSSIBLE  
LAUNCH PADS

NEW TOWER

BUILDINGS U / C





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INSTRUMENTATION SITE # 10  
48.31 N - 57.58 E



POSSIBLE RADAR / ELECTRONICS MOUNT



MAIN INSTRUMENTATION BUILDING

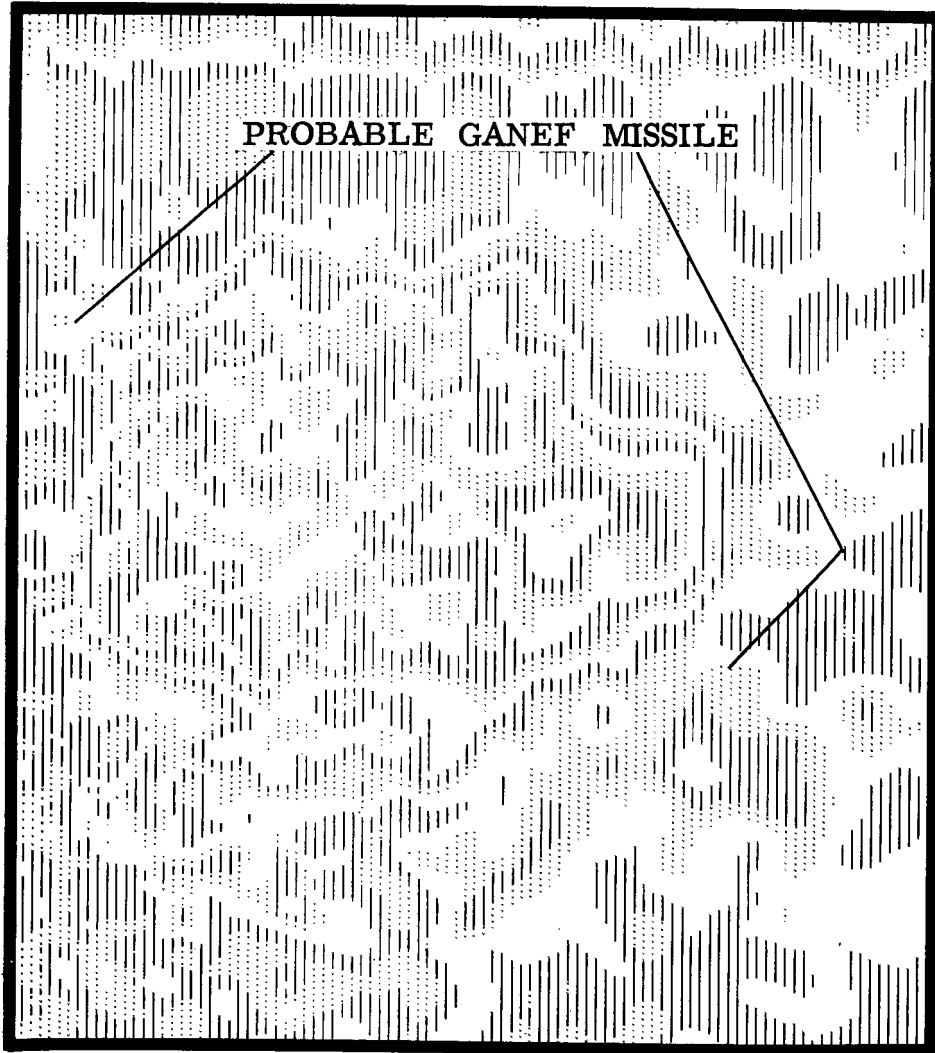


POSSIBLE DRIVE-IN REFLECTOR



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The density information contained in this coded isodensity trace or map is directly related to the density of the image that was scanned. The map effectively portrays the density contours of the image at an expanded scale, thus making evident small density changes. The trace/map must be analyzed in conjunction with the original image, not as a separate representation of the subject. The image degradations, caused by the photographic system limitations, also degrade the isodensity map. Caution is recommended in establishing whether any minute density gradient portrayed in the map relates directly to an object configuration. An irregular object may at times appear regular, and vice versa, due to illumination angle and surface reflectivity. As an example, object color, texture, shadows falling across the object, displacement due to obliquity, and image edge gradient, are only some of the factors which must be considered. Consequently a concurrent perceptual and objective analysis of the density contour map, and the image, must consider all known factors.

**ISODENSITY RECORDING**  
**Magnification: 1000**  
**Density Increment: .08**

**FIGURE 5. PROBABLE GANEF MISSILE ON LAUNCH PAD A - 1, EMBA MISSILE TEST CENTER, USSR**

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