PHOTOGRAPHIC INTERPRETATION REPORT

[redacted] PEIPING MISSILE DEVELOPMENT AND PRODUCTION CENTER CHANG-HSIN-TIEN, CHINA OCTOBER 1965

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PEIPING MISSILE DEVELOPMENT AND PRODUCTION CENTER

CHANG-HSIN-TIEN, CHINA

OCTOBER 1965

The Peiping Missile Development and Production Center Chang-hsin-tien (PMDPC, [redacted] is 3 nautical miles (nm) west of Chang-hsin-tien and 13 nm southwest of Peiping, China, at 39-49-30N 116-08-00E (Figure 1). The major components of the PMDPC are the Rocket Engine Test Facility, the Main Administration Area, the Industrial/Research and Development (R & D) Area, the thermal powerplant, and 2 housing areas. October 1965 KH-7 KEYHOLE photography of the center is excellent, and several significant features have been identified in the Rocket Engine Test Facility and in the Industrial/R & D Area. An analysis of earlier photography of the installation indicated that some of these features existed in September 1961 and November 1964.

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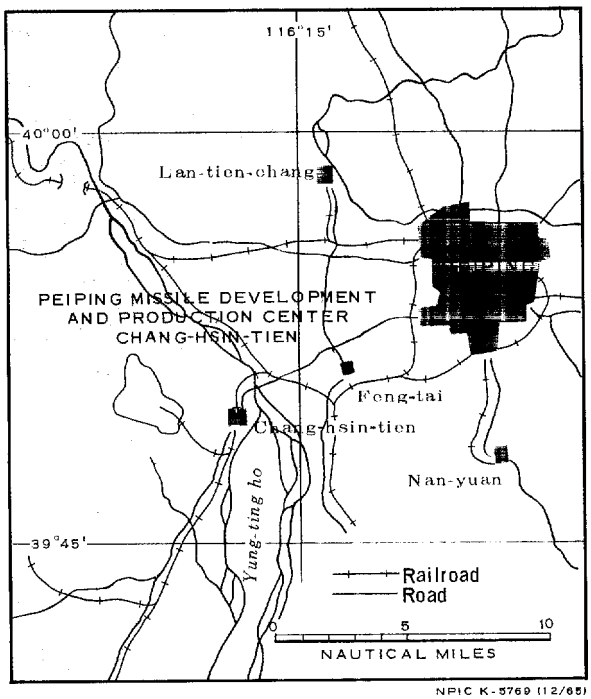

FIGURE 1. LOCATION MAP.

The Rocket Engine Test Facility occupies the northern portion of the PMDPC and consists of 3 vertical test stands, a horizontal test site, 2 assembly/checkout buildings, a components test area, and several support buildings (Figure 2). Construction activity north of the test stands has been identified as a possible propellant production area under construction. The area contains 2 vented production buildings, 2 storage tanks, and a small structure, all of which are interconnected by ditches for underground pipelines. Two support buildings, several small structures, and a possible storage tank are situated nearby. In the Components Test Area east of the vertical test stands, principal facilities include 2 components test buildings and a possible components test building which was identified in October 1965. The westernmost test building, the largest of the 3, apparently contains a single test position; the middle test building contains 2 test positions; and the easternmost possible test building, the smallest of the 3, appears to contain 2 test positions. The roofs over all test positions appear to have been constructed so that an accidental explosion would be forced upward. The area also contains a control building and several support buildings.

At the vertical test stands contaminant stains are visible in the sumps used for catching runoff from the water cascade cooling systems. Three rail cars and a probable switch engine were observed near the middle test stand.

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FIGURE 2. PEIPING MISSILE DEVELOPMENT AND PRODUCTION CENTER CHANG-HSIN-TIEN, OCTOBER 1965.

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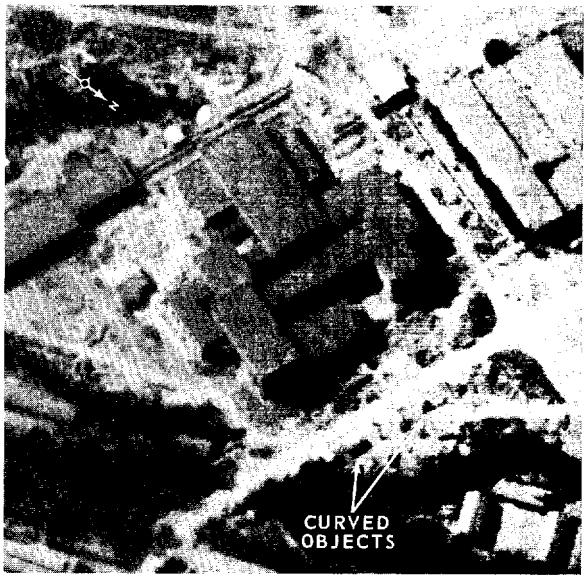

FIGURE 3. WIND TUNNEL IN THE INDUSTRIAL/R & D AREA, OCTOBER 1965.

FIGURE 4. CYLINDRICAL OBJECT IN THE INDUSTRIAL/R & D AREA, OCTOBER 1965.

The Industrial/R & D Area is south of the Rocket Engine Test Facility and consists of research and development, industrial, administration, and housing facilities. The area is rail served, and a surfaced road extends directly to the Rocket Engine Test Facility. In the separately secured southwest section of the area an irregularly shaped structure has been identified as a continuous-flow wind tunnel (Figures 2 and 3). It was not present in March 1964 but was observed in November 1964; at the present time it is nearing completion. The tunnel measures 240 feet long overall and has a model preparation, mounting, and recording section measuring 135 by 60 by approximately 50 feet high. The outside of the flow chamber is square rather than round. A row of several curved objects resembling segments of circular tunnel sections or a large conduit are situated northeast of the wind tunnel. A large group of horizontal pressure-type tanks, a bank of cooling towers, and 3 large buildings are situated near the wind tunnel and resemble facilities for gas dynamics, supersonic wind tunnels. The pressure-type tanks and the 3 buildings were present in September 1961.

The open storage yard in the northeast section of the Industrial/R & D Area contains a light-toned cylindrical object situated near a rail siding (Figures 2 and 4). 25X1

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In some respects, the object resembles a test stand or wind tunnel component, such as a sonic test chamber or a vacuum aspirator.

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REFERENCES

CHART

SAC. US Air Target Chart, Series 200, Sheet 0381-1AL, 2d ed, Jul 60, scale 1:200,000 (SECRET)

NPIC PROJECT

11238/66 (partial answer)