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# **STYX MISSILE ACTIVITY CHIN-HUANG-TAO SAM SUPPORT FACILITY, CHINA**

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STYX MISSILE ACTIVITY  
CHIN-HUANG-TAO SAM SUPPORT FACILITY, CHINA

ABSTRACT

1. STYX missile activity has gradually increased at Chin-huang-tao SAM Support Facility, China, since the facility was first identified on photography in January 1972. STYX missile support may now be the primary function of the facility. This report describes the facility and the changes that have occurred there since January 1972. It also contains a map, a table, and an annotated photograph.

INTRODUCTION

2. Chin-huang-tao SAM Support Facility [redacted] 40-01-48N 119-27-23E) is situated in three interconnected stream valleys in mountainous terrain, 150 nautical miles (nm) east-northeast of Peking and 14 nm northwest of Chin-huang-tao, China (Figure 1). The facility consists of an administration/support area, a vehicle maintenance area, and an operations area. It is road served with a rail transshipment point 4.5 nm east of the facility. Since Chin-huang-tao SAM Support Facility was first identified, expansion of its facilities has continued and the primary function has probably shifted from CSA-1 missile support to STYX missile support.

25X1

3. The CSA-1 SAM site nearest the facility is Tang-shan SAM Site D36-1 [redacted]. This site, at 40-12-30N 118-06-54E, is 60 nm west of Chin-huang-tao SAM Support Facility. The nearest cruise missile site is Chin-hsi Coastal Defense Site CM TSR [redacted] 85 nm to the northeast at 40-41-36N 120-54-49E (Figure 1).

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BASIC DESCRIPTION

4. The administration/support area has remained basically unchanged since the facility was first identified in January 1972. It consists of one large, six-wing, multistory probable hospital with

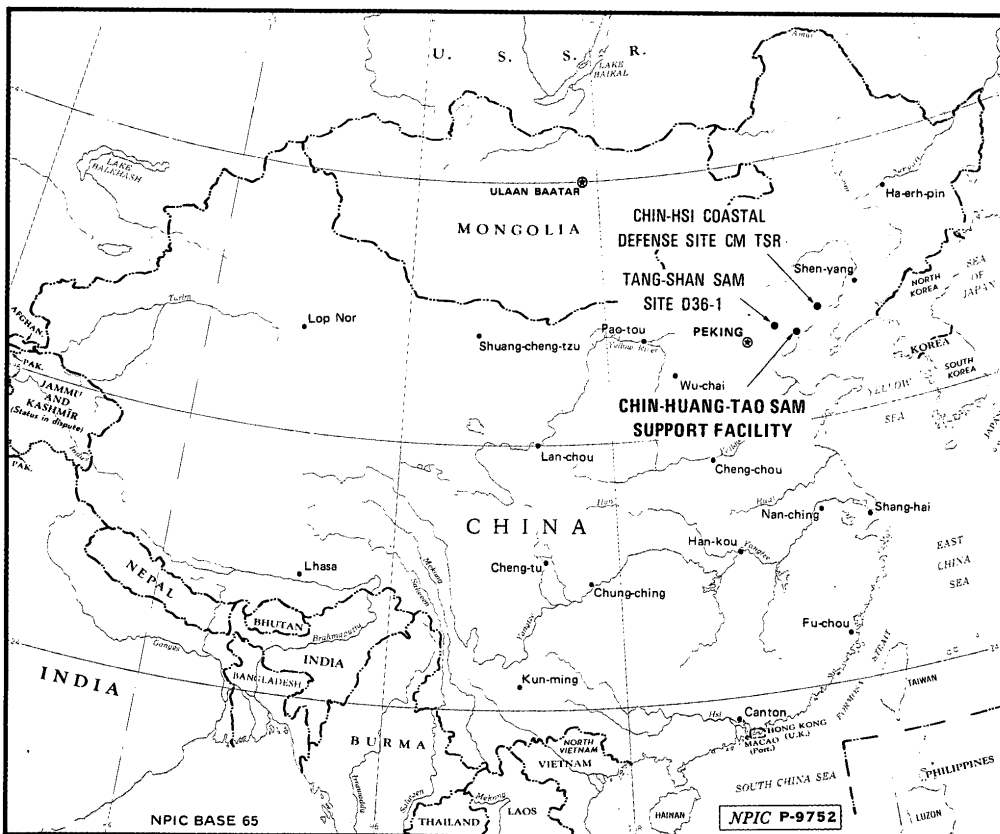


FIGURE 1. LOCATION OF CHIN-HUANG-TAO SAM SUPPORT FACILITY

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Table 1. Missile-Related Equipment at Chin-huang-tao SAM Support Facility

CSA-1 Related Equipment	STYX-Related Equipment	STYX/CSA-1 Related Equipment
6 CSA-1 missile launchers	None observed	10 truck-mounted cranes
5 prob canister transporters		
8 CSA-1 canister transporters	67 STYX missile crates	14 truck-mounted cranes 50 oxidizer kegs
7 CSA-1 canister transporters	76 STYX missile crates (approx)	49 truck-mounted cranes 50 oxidizer kegs
10 CSA-1 missile transporters	42 STYX missile crates	25 truck-mounted cranes
16 CSA-1 canister transporters		200 oxidizer kegs 29 poss fuel trucks
9 CSA-1 missile transporters	50 STYX missile crates	61 truck-mounted cranes
3 CSA-1 canister transporters	40 unid pieces of equipment	50 oxidizer kegs
8 CSA-1 canister transporters	51 STYX missile crates	59 truck-mounted cranes
	39 unid pieces of equipment	143 oxidizer kegs 21 fuel trailers
None observed	31 STYX missile crates (2 stretched)	31 truck-mounted cranes
	40 unid pieces of equipment	149 oxidizer kegs 18 flatbed trucks
53 prob CSA-1 fin crates	4 CSSC-2 (STYX) launchers	58 truck-mounted cranes
	1 prob CSSC-2 (STYX) launcher	131 oxidizer kegs
	3 light truck STYX transporters	7 oxidizer transfer truck
	38 STYX missile crates	3 propellant service truck
	34 stretched STYX missile crates	4 water washdown truck
	48 STYX assembly/handling carts	1 air compressor truck
	87 unid pieces of equipment	12 flatbed trucks 10 flatbed trailers

a cookhouse attached; two multistory administration buildings; three large and two smaller multistory barracks; one large flat-roofed messhall; six quarters; and a heating plant. Additional facilities include a probable vehicle maintenance building, a vehicle service rack, two adits, eight large storage/support buildings, ten small support buildings, a water tower, and two basketball courts.

5. The vehicle maintenance area is on the west bank of the same stream valley which contains the administration/support area. This area has also remained relatively unchanged since the facility was first identified. It contains one large vehicle maintenance building, two probable shop buildings, two barracks, one messhall, a heating plant, nine support buildings, and a basketball court.

6. The operations area (Figure 2), just west of the vehicle maintenance area, has grown considerably since it was first identified under construction; at that time only seven major buildings were observed. Construction was continuing [redacted], when the area consisted of a probable maintenance/checkout building connected by narrow-gauge rail track to two adits, 12 drive-in adits, two drive-in adits with loading docks, and two storage adits with loading docks. Storage and maintenance buildings in the operations area include one L-shaped shop building, two smaller shops, two large double-bay maintenance/storage buildings (one under construction), a smaller double-bay maintenance/storage building, five single-bay maintenance/storage buildings, and seven storage buildings. Additional support includes two barracks, two messhalls, a heating plant, 12 support buildings, and a probable security checkpoint building. At least three additional buildings will probably be constructed in a newly graded area at the south edge of the facility.

7. The amounts of equipment observed in the operations area have steadily increased since January 1972 (Table 1). At that time, six CSA-1 missile launchers and five probable canister transporters were identified. STYX missile-related equipment was first observed in August 1972 when 67 STYX missile crates were identified. [redacted] 40 unidentified pieces of canvas-covered equipment were observed. These unidentified objects, 87 seen most recently, [redacted] (inset 1, Figure 2). The objects are probably cruise missile associated inasmuch as 16 similar unidentified objects have been observed at Yen-tai CD Site 2 CM TSR [redacted]



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8. [redacted] four confirmed and one probable CSSC-2 (STYX) launchers (inset 2, Figure 2) at Chin-huang-tao. These were the first confirmed STYX launchers identified at this facility. This coverage also revealed three light truck STYX transporters (inset 3, Figure 2); this was the first identification of this transporter in China. They were similar in design to the SSN-2 transporters identified in other countries using the STYX missile system in a naval role. Forty-eight STYX assembly/handling carts were also observed on the 28 August coverage (inset 4, Figure 2).

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9. CSA-1 related equipment continues to be observed at the facility; however, the major portion of the equipment now observed appears to be related to the STYX missile system.

**REFERENCES**

[redacted]

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**MAPS OR CHARTS**

SAC. US Air Target Chart, Series 200, Sheet 0289-23, scale 1:200,000

**REQUIREMENT**

Project 120804ND

[redacted]

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