

PHOTOGRAPHIC INTERPRETATION REPORT

TU-NA GRID PATTERNS

NEAR

SHAN-SHAN, CHINA



ARMY



NAVY



AIR FORCE

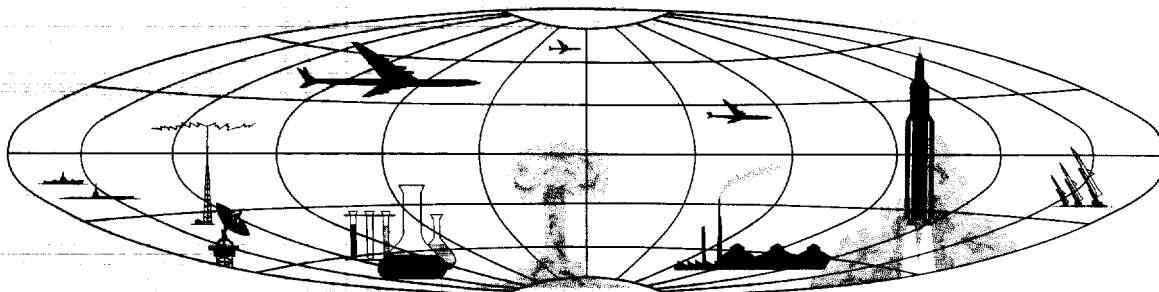


Handle Via **TALENT - KEYHOLE** Control Only

WARNING

This document contains classified information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive TALENT-KEYHOLE information. Its security must be maintained in accordance with KEYHOLE and TALENT regulations.

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

NPIC/R-129/62

TU-NA GRID PATTERNS NEAR SHAN-SHAN, CHINA
25X1D

The Tu-na grid patterns (42-54N 90-15E) were first observed on KEYHOLE photography of [REDACTED] and partially again in [REDACTED]. They are located in a region where three other unidentified patterns have been observed, the two so-called chevron patterns near Ha-mi 1/ and the circular pattern near Lop Nor (Figure 1). 2/ No relationship is known to exist between these installations.

The Tu-na grid patterns consist of two distinct sections; one just north of Shan-shan and the other just southeast of the town (Figure 2). They cover an area of approximately 300 square miles. Each section is made up of parallel ground scars 4-6 feet wide extending generally in north-south, east-west directions to form right angles. In each section small circular ground marks, which are possibly instrumentation points, appear at regular intervals along the parallel ground-scar lines. The north-south grid lines are generally 2.5 nm apart, but they are as close as 2,000 feet at one point. The east-west lines are generally 1.5 nm apart. The grids occur on level barren desert terrain.

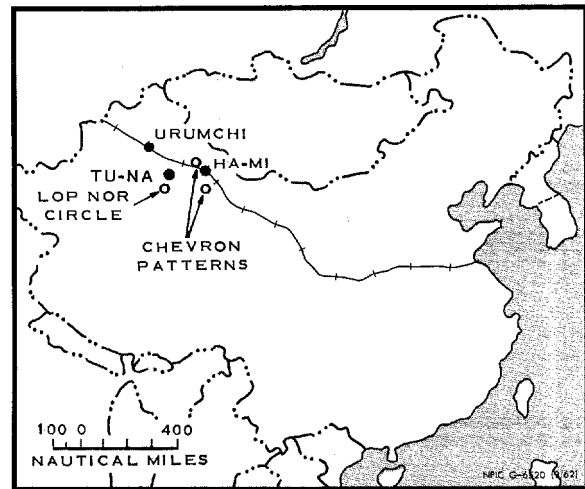


FIGURE 1. LOCATION OF TU-NA GRID PATTERNS AND OTHER PATTERNS IN GENERAL VICINITY.

NPIC/R-129/62

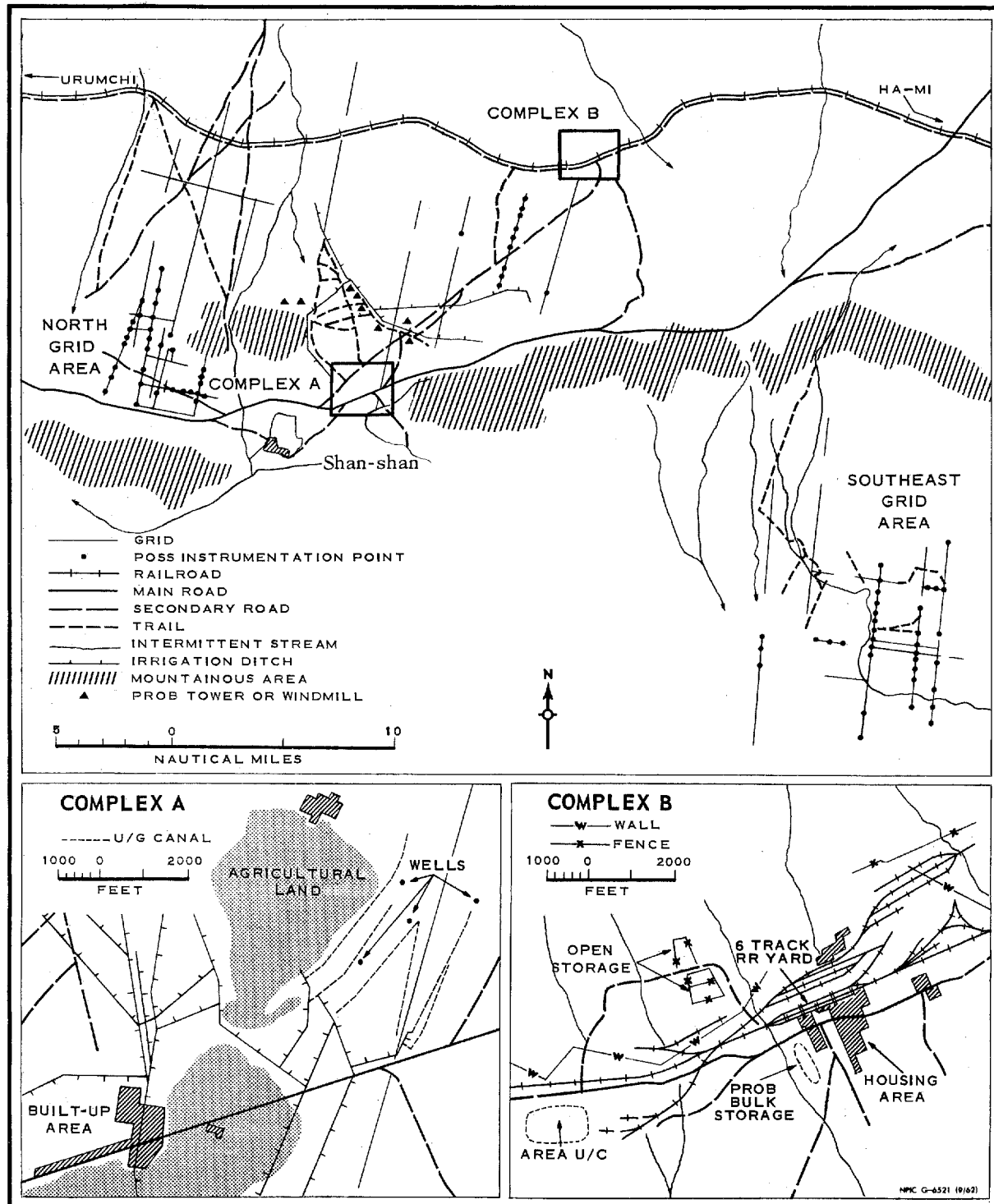


FIGURE 2. TU-NA AREA SHOWING GRID PATTERNS AND NEARBY COMPLEXES.

NPIC/R-129/62

Located near these grid patterns are two areas of interest designated Complex A and Complex B. Complex A is probably a support area for the activity at the patterns area. Complex B may also be associated with the grids.

Complex A, the probable support complex for the grids, is located 5 nm northeast of Shan-shan and on the main highway through the region. It contains 3 large warehouses, 5 apartment- or barracks-type, and 28 storage- or maintenance-type buildings. Numerous drainage ditches and wells are located around this complex.

Complex B is located on the Urumchi -- Ha-mi rail line, approximately 18 nm northeast of Shan-shan. It comprises several unidentified light industries, a rail yard with six tracks, repair facilities, turning wye, several large open storage areas served by numerous rail spurs, a housing and administration area, and 20 probable barracks. A large amount of construction is taking place. A secondary road extends southwest through the grid pattern area and to Complex A.

No collateral information is available on the Tu-na grid area.

_____ • _____

NPIC/R-129/62

REFERENCES

PHOTOGRAPHY

	<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frames</u>	<u>Classification</u>
25X1D						

MAPS OR CHARTS

- SAC. US Air Target Chart, Series 200, Sheet 0330-10AL, 1st ed, Apr 60, scale 1:200,000 (CONFIDENTIAL)
- AMS. World (Asia) Map, Series 1301, Sheet NK46 (Ha-mi), 1st ed, Jun 58, scale 1:1,000,000 (UNCLASSIFIED)
- ACIC. WAC 330, 3d ed, Oct 55, scale 1:1,000,000 (UNCLASSIFIED)

DOCUMENTS

1. 
2. 
3. NPIC. MCI-1/62,  (TOP SECRET CHESS RUFF)

25X1D

REQUIREMENT

25X1D

NSA/A053/R-16-62

NPIC PROJECT

JN-52/62

TOP SECRET
Approved For Release 2000/05/09 : CIA-RDP78B04560A000300010020-3

TOP SECRET

Approved For Release 2000/05/09 : CIA-RDP78B04560A000300010020-3