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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT



SEARCH FOR PHARMACEUTICAL PLANTS
IN THE LAN-CHOU AND SHANG-HAI AREAS

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DATE MAY 1966

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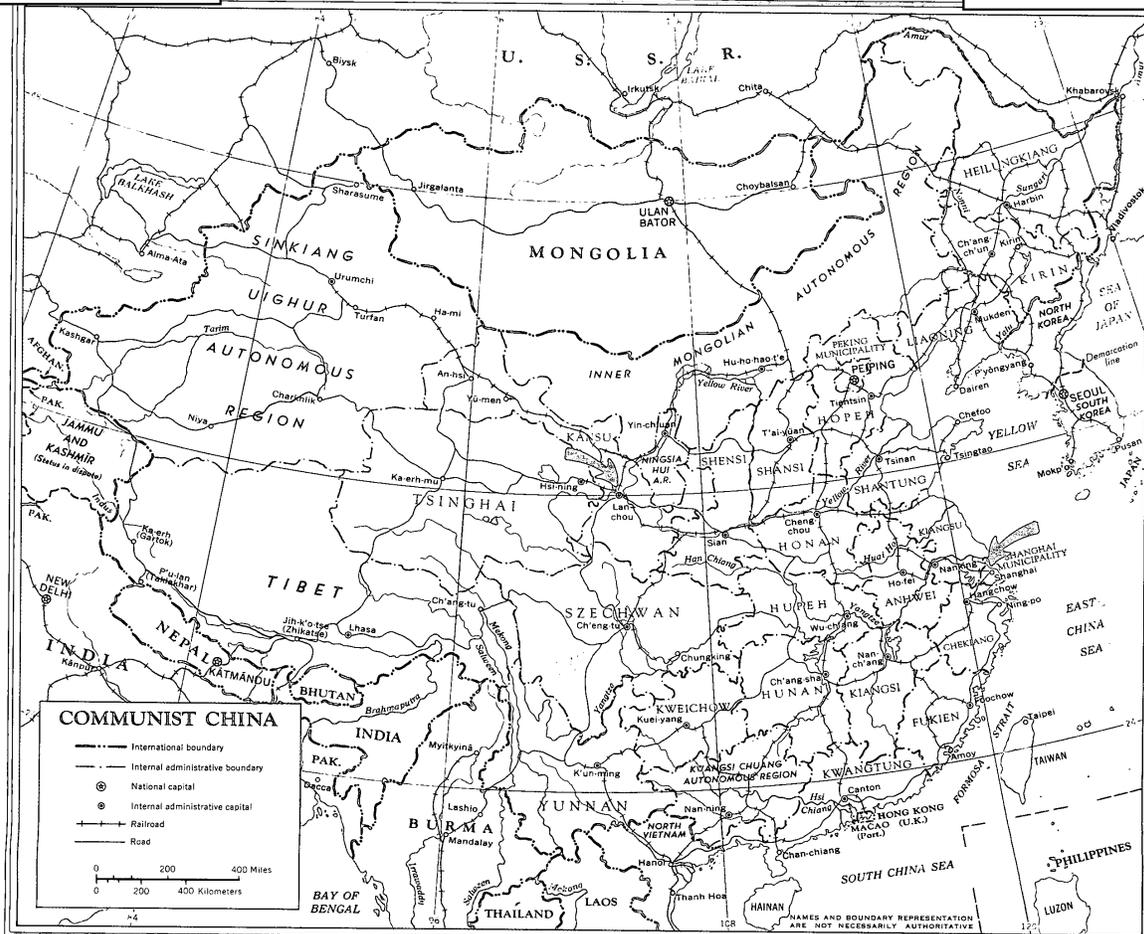
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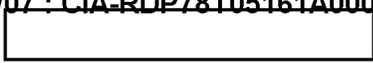
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SEARCH FOR PHARMACEUTICAL PLANTS
IN THE LAN-CHOU AND SHANG-HAI AREAS

INTRODUCTION

Collateral information has suggested that major pharmaceutical plants have been moved inland to Lan-chou from coastal areas of China.



A photographic search of the Shang-hai area was conducted for two purposes: to determine if pharmaceutical plants in the area were being dismantled and to learn the physical characteristics of Chinese pharmaceutical installations. With the aid of collateral, several important plants were located. There were no external indications that the plants were being dismantled. The plants were all located in heavily congested areas of the city and had no distinctive features.

An aerial photographic search of the Lan-chou area was conducted in an attempt to verify or negate the existence of a complex or individual plants producing serums, vaccines and antibiotics. Photography from the years 1959 through 1964 was utilized in this search.

DISCUSSION

There has been a general expansion of all types of production and institutional facilities around the periphery of the city of Lan-chou since 1959. As a result of a general search of the Lan-chou area, six facilities were selected for more intensive study. These six facilities were selected because of their physical appearance, the time frame in which they were constructed, or as in the case of the Lan-chou Medicine Company because of collateral information. 2/ Facilities 4, 5 & 6 were selected on the basis of their physical appearance alone; however, recently received collateral information has provided additional evidence in support of the function assigned these facilities in this report. 3/ Wherever possible the name used in collateral sources is found next to the facility number in this report.

Facility No. 1: The Lan-chou Medicine Company. The Lan-chou Medicine Company is reportedly located in a heavily congested area outside the SE corner of the wall which surrounds the old city of Lan-chou (Figure 2). It is not possible to determine the limits of the plant area or to ascertain even a general level of production. The buildings in which the company is reportedly housed were in existence prior to 1959, and there does not appear to have been any significant expansion since that time. There is no indication as to the products of this facility. 2/

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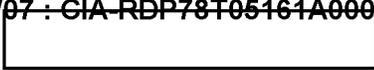
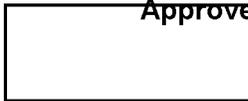
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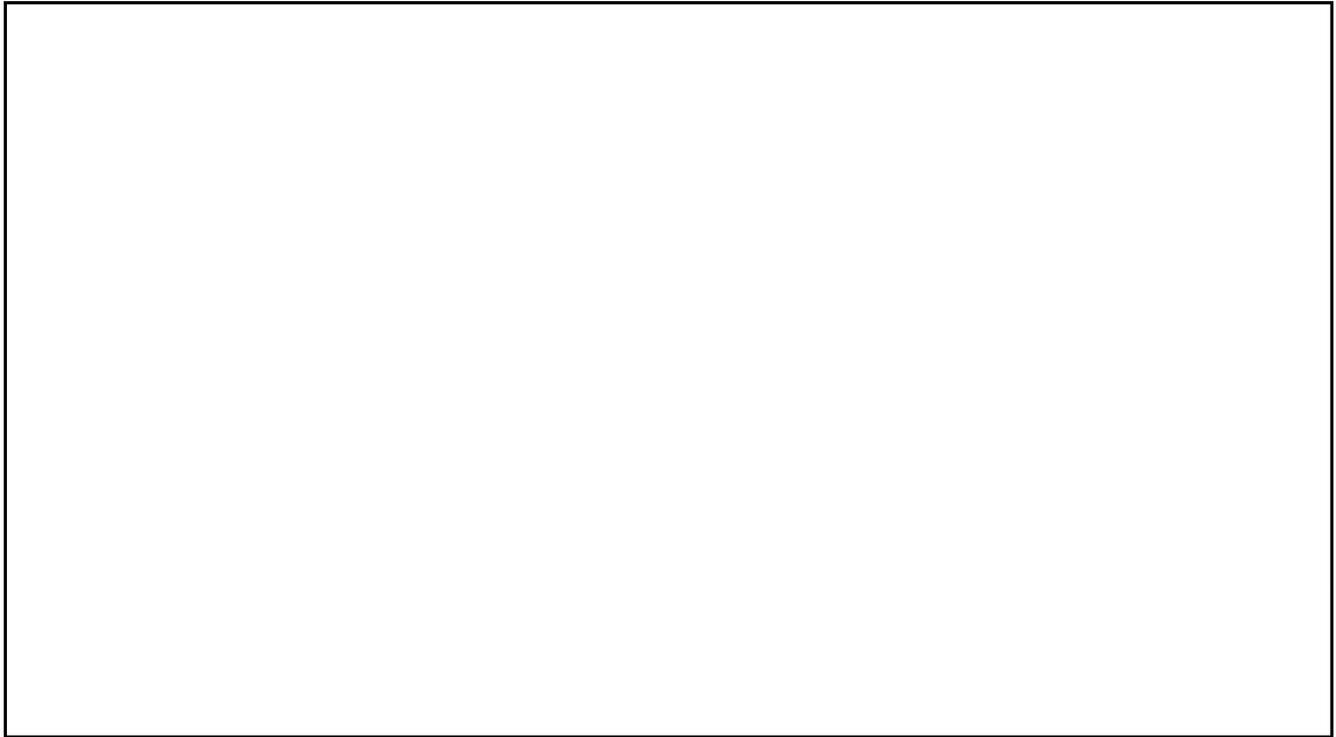
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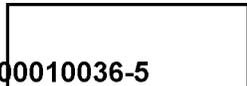


Facility No. 4: Veterinary Biological Drugs Plant. This facility was in being in [redacted] It was undergoing expansion at that time. The most significant features of this installation are its large animal housing capacity and its interconnected buildings. There are 5 large barns for cattle or horses, at least 20 buildings for smaller animals and numerous pens. At least 9 production buildings in the facility are interconnected by covered passageways. Also visible in the area are a steamplant, a messhall and probable warehouses. The appearance of this facility is consistent with that of a veterinary serum and vaccine installation. The absence of grazing areas for the large number of animals present in the facility appears to negate the possibility of the installation being a state farm or experimental breeding station (Figure 4). At present two probable water pumping stations are located SE of the installation on the bank of the Huang Ho. Only one of these pumping stations was present in [redacted] Collateral indicates the presence of a veterinary biological drugs plant in this suburb of Lan-chou.

3/

Facility No. 5: The Northwest Animal Husbandry and Veterinary Medicine Research Institute. This facility was present in [redacted] However, between [redacted] two large "L"-shaped possible laboratory buildings were constructed. The numerous animal buildings in this facility make it appear similar to Facility No. 4. The entire installation, with the exception of some animal housing, is secured by a wall. Within the

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LAN-CHOU INSTITUTIONAL AREA

MEDICAL COLLEGE

FACILITY NO. 2

FACILITY NO. 1

OLD TOWN AREA
(WALLED)

FIGURE 2

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X1
X1

[REDACTED]

[REDACTED]
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FACILITY NO. 3
[REDACTED]

ANIMAL
INDUSTRY

FACILITY NO. 3

FIGURE 3

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installation there are three in-line buildings which are of special interest. They are connected by covered passageways. In addition to the wall which surrounds the entire installation, these buildings are secured by two additional perimeter walls and are separated from one another by additional walls. Collateral information indicates that the Northwest Animal Husbandry and Veterinary Research Institute is located in this suburb (Yen-chang-pao) of Lan-chou in which Facility No. 5 is situated. Furthermore, the institute specializes in animal hoof and mouth disease research which might account for the stringent security measures around the three interconnected buildings (Figure 4) 3/

Facility No. 6: Lan-chou Biological Products Research Institute. This secured facility was also present in [redacted] and was undergoing expansion at that time. Like Facilities No. 4 and No. 5, it has a large amount of animal housing but presents a more institutional appearance. The main feature of this installation is a multistory building. This building and the animal housing suggest a facility involved in biological research and biological products production. Collateral indicates the presence of this type of facility in this suburb (Yen-chang-pao) of Lan-chou. 3/ Three structures of interest are located north of the main institutional building. They are set back into valleys which have been eroded into a bluff overlooking the facility. These structures include a separately secured L-shaped building with a tall stack, a large underground structure, and a separately secured, isolated animal holding building. Also identifiable within the facility are an administration building, a steamplant and a messhall.

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FACILITIES NOS 4 & 5
[redacted]

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FACILITY NO. 4

BARNs

CONNECTED BUILDINGS

ANIMAL HOUSING

FACILITY NO. 5

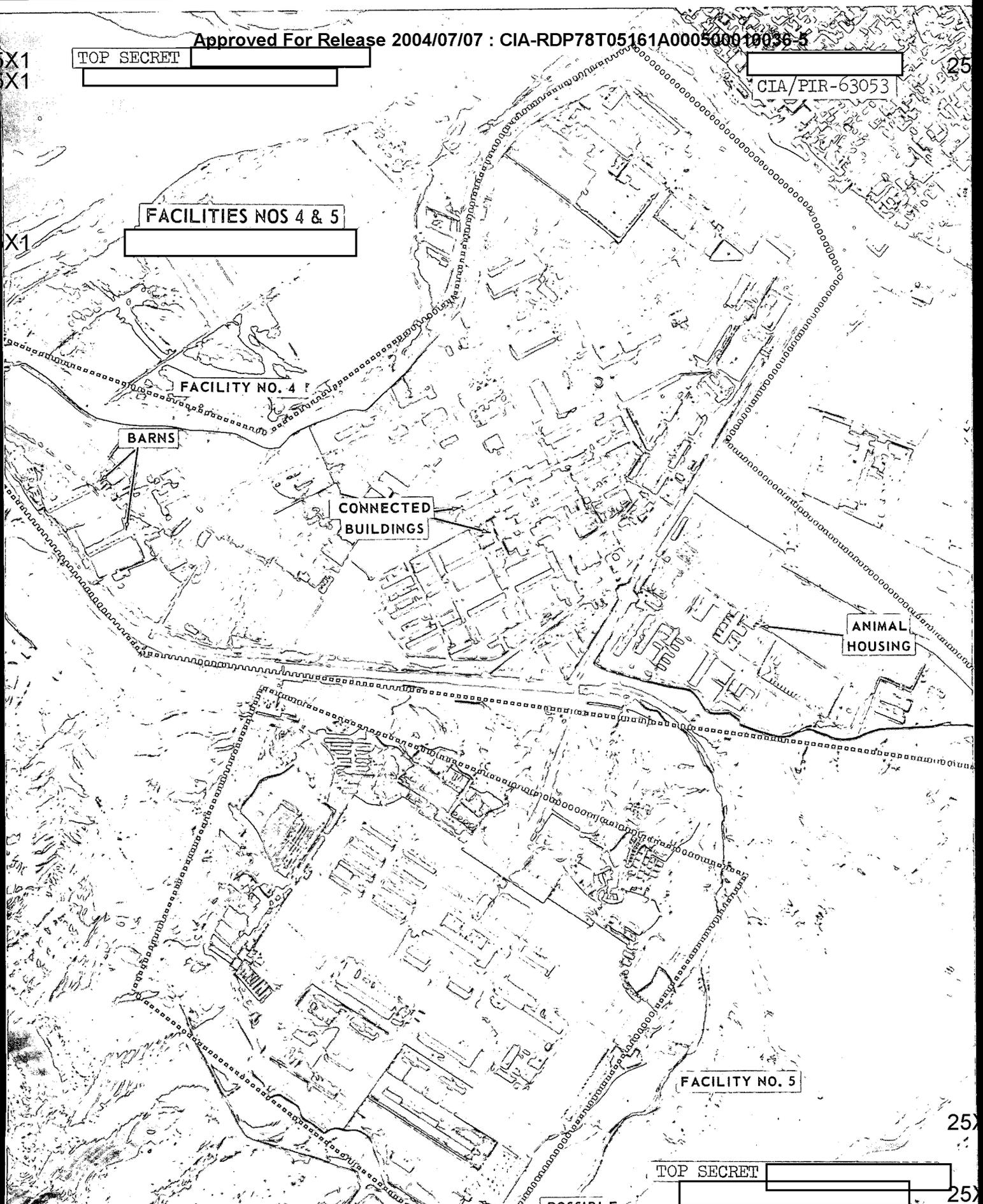
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POSSIBLE
INCIDENTAL

FIGURE 4



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FACILITY NO. 6

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BUILDING WITH STACK

BUNKER

SECURED ANIMAL HOUSING

FIGURE 5

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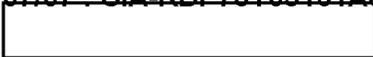
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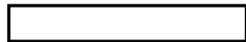


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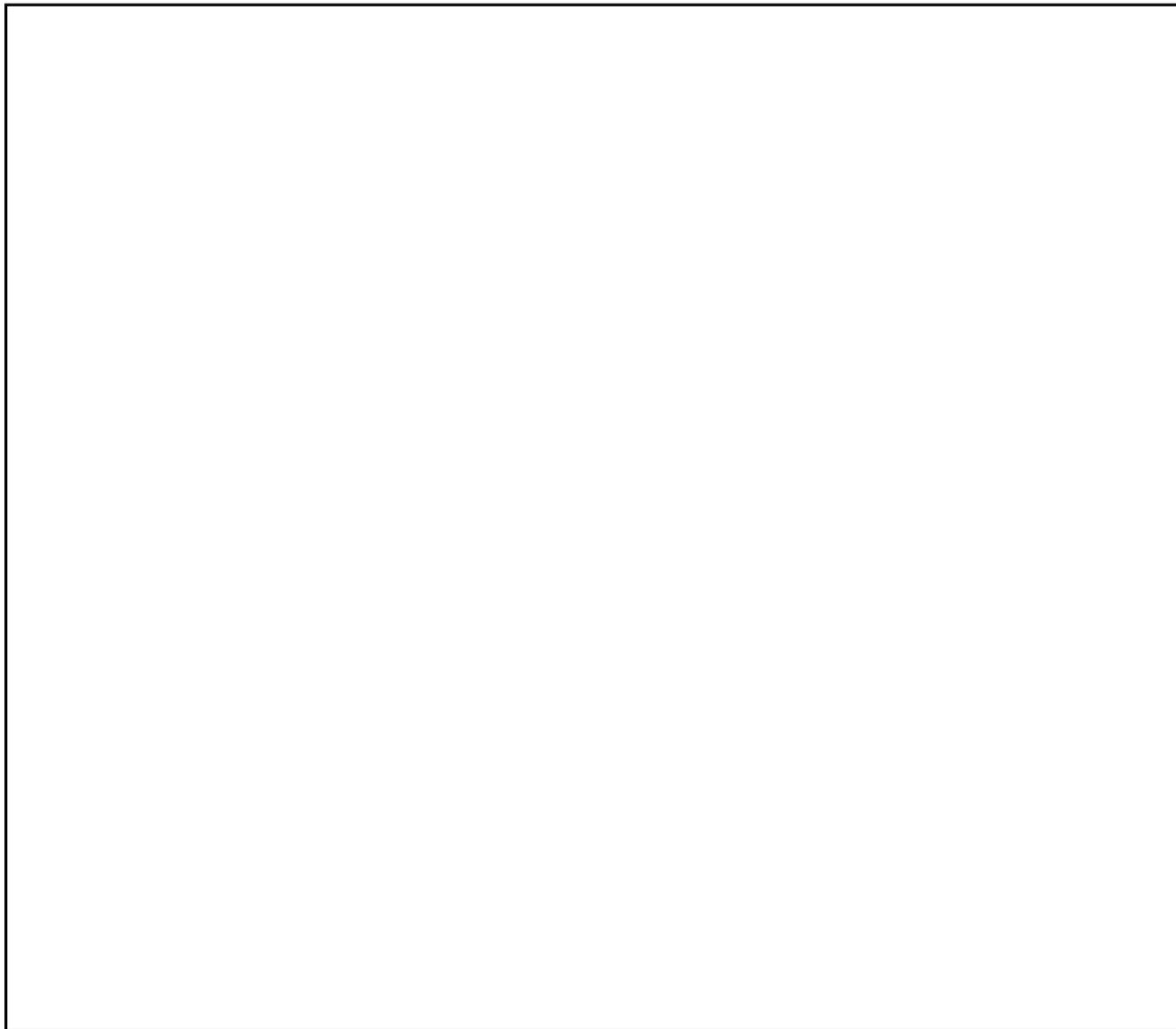


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REFERENCES



MAPS AND CHARTS

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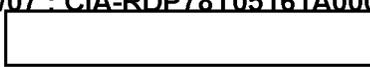
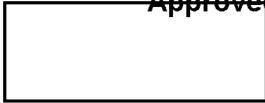
CIA 37505.1 Town Plan, Lan-chou (East), China, scale 1:25,000, March 1963. (SECRET)



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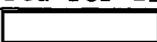
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- 2. USA Annotated Map of Lan-chou, Kansu Province, Communist China & Supplements (Item 62) H 421.9-4, 136271-R, 15 December 1959. (CONFIDENTIAL)
- 3. DOD Intelligence Information Report Number 2222056565, 2 February 1965. (CONFIDENTIAL)

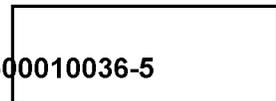
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