

~~TOP SECRET~~

K000019

Copy 9
7 Pages

NPIC/R-73/62
May 1962

APPROVED FOR
RELEASE DATE:
16-Jul-2011

PHOTOGRAPHIC INTERPRETATION REPORT

ICBM LAUNCH COMPLEX TYUMEN', USSR

Declass Review NIMA/DoD

25X1



ARMY



NAVY



AIR FORCE



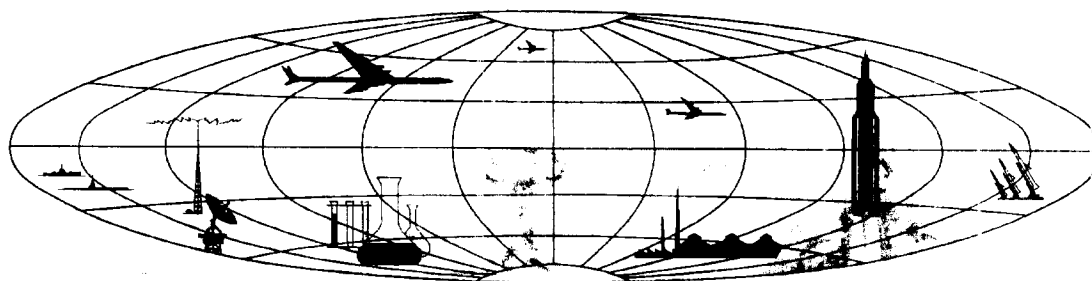
CIA

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 U. S. 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~~

HR70-14

~~TOP SECRET RUFF~~

NPIC/R-73/62

ICBM LAUNCH COMPLEX
TYUMEN', USSR

An ICBM launch complex under construction has been identified on KEYHOLE [] (April 1962) approximately 21 nautical miles (nm) south-southeast of Tyumen', just west of the Tyumen'-Ishim rail line, and near the village of Bogandinskaya (Figure 1). This complex is located approximately 80 nm northeast of the Shadrinsk ICBM Launch Complex and is in an early stage of construction. The present facilities include a rail-served complex support facility and a road-served launch area. No rail-to-road transfer point or SAM defenses were noted. A transfer point probably will be constructed west of the Complex Support Facility.

A search of previous photographic coverage revealed no missile activity at the site of this complex in June 1961 []. The first photographic evidence of any activity at this complex was in December 1961

[]
(Figure 2). The initial layout of the rail bed for the spur now serving the complex was evident, as were several newly constructed buildings in the present administration and housing area of the Complex Support Facility. There was no evidence of the present road that connects the Complex Support Facility with the Launch Area. Photography of March 1962 [] again provided coverage of the area; however, an ICBM launch complex signature still was not evident. Some expansion in building construction in the Complex Support Facility was noted, as well as a well-engineered road to a point near the present Launch Area. Neither the Launch Area nor its Support Facility were under construction at that time.

25X1

- 1 -

~~TOP SECRET RUFF~~

TOP SECRET RUFF

TOP SECRET RUFF

- 2 -

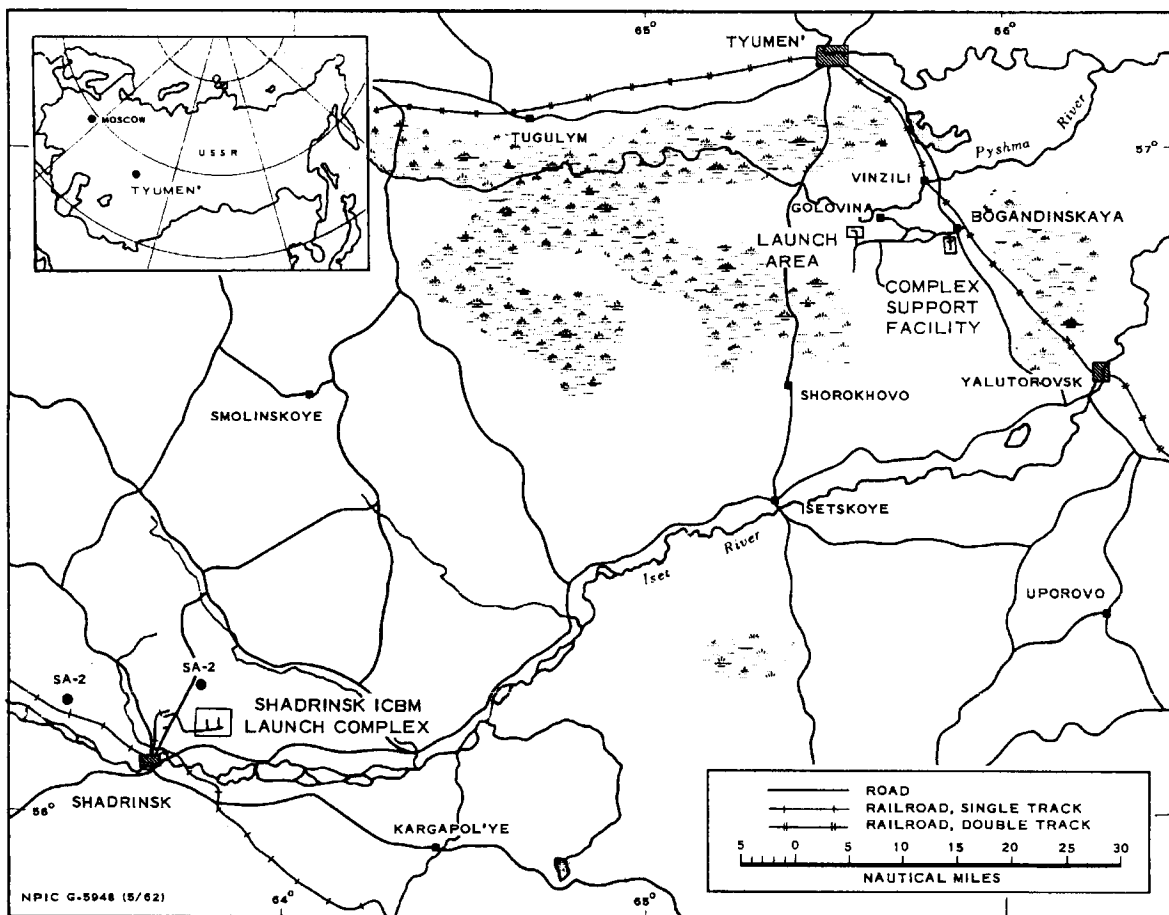


FIGURE 1. AREA ORIENTATION MAP FOR TYUMEN ICBM LAUNCH COMPLEX.

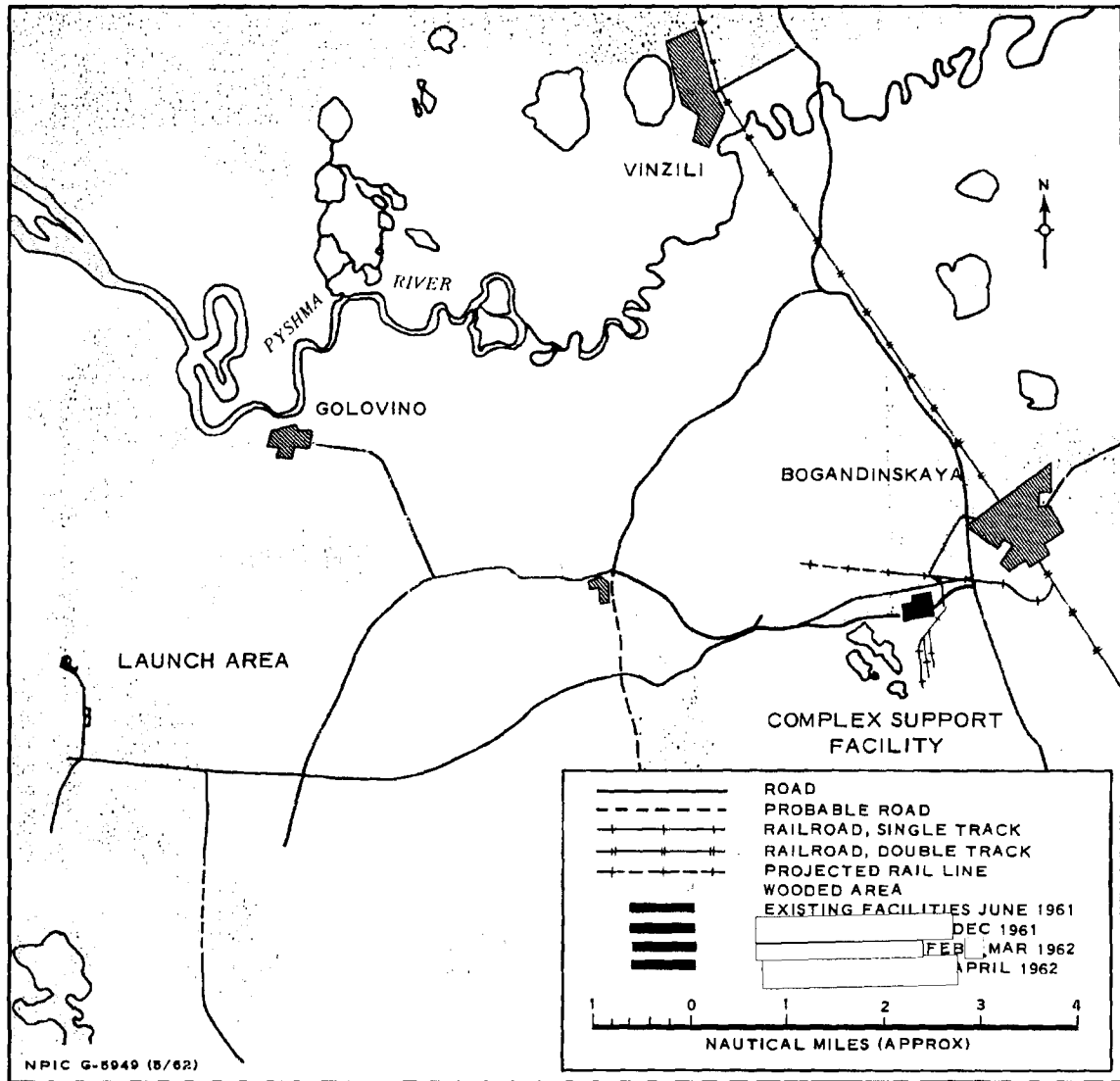


FIGURE 2. COMPONENTS OF TYUMEN' ICBM LAUNCH COMPLEX.

COMPLEX SUPPORT FACILITY

The Complex Support Facility is located at 56-52N 65-53E, approximately 21 nm south-southeast of Tyumen' and just southwest of the village of Bogandinskaya (Figure 3). It is served by a new rail spur that runs south then west from the Tyumen'-Ishim rail line and terminates in a forested

NPIC/R-73/62

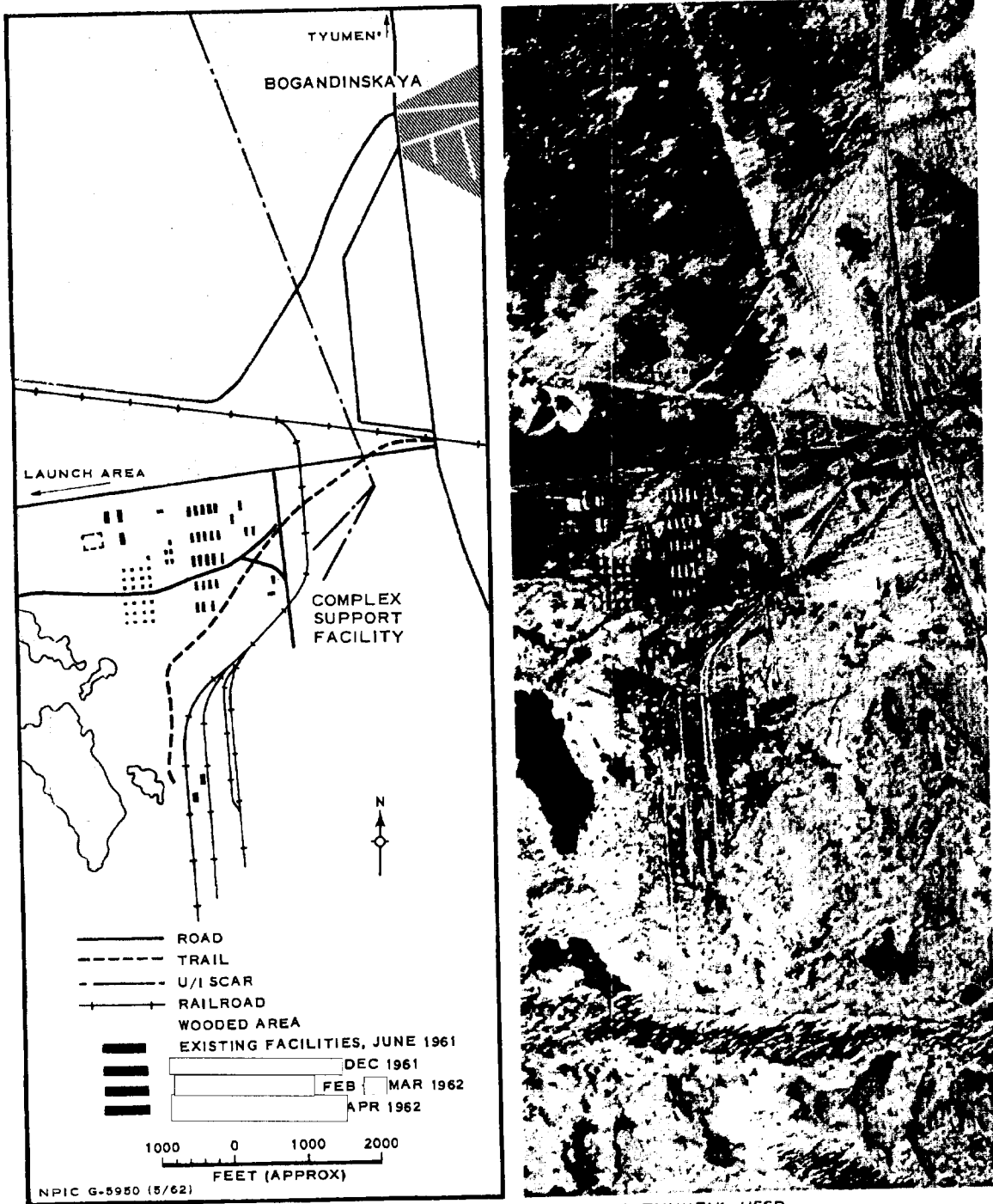


FIGURE 3. COMPLEX SUPPORT FACILITY, TYUMEN, USSR.

area. A spur extends south from this main rail spur and branches into three spurs within the Complex Support Facility. These three spurs measure approximately 3,300, 2,800, and 2,700 feet and are spaced 310 and 360 feet apart from west to east. The eastern spur has a 1,500-foot siding to the west of it. The latest photography reveals a building, approximately 195 by 55 feet, situated on the west side of and parallel to the center spur. A second building, approximately 190 by 50 feet, is located on the east side and parallel to the western spur. No rail-through buildings are present. The administration and housing area of the Complex Support Facility under construction immediately north of the spur area is road served and includes at least 62 buildings. Three of these buildings measure approximately 150 by 65 feet, one 125 by 65 feet, twenty-two 190 by 40 feet, and twenty-five 45 feet square; and 11 are miscellaneous buildings. No security fencing was noted in the area.

LAUNCH AREA

25X1

A single launch area in a very early stage of construction at 56-52N 65-35E is located in a forested area approximately 9.5 nm west of the Complex Support Facility (Figure 4). A road pattern [redacted]

25X1

[redacted] has been cleared for the Launch Area. Although construction activity is noted, no pad construction or buildings are identified. No fencing or other security features are evident. It is estimated that the Launch Area,

25X1

[redacted] will be oriented on an azimuth of approximately 300 degrees when completed. On the basis of the estimated orientation of the Launch Area and the incomplete clearing for the road system, the

25X1

[redacted] pad separation will be approximately 900 feet. The scaling of

25X1

photography of the area is limited [redacted]

A launch support area is located approximately 0.5 nm south of the Launch Area and immediately east of the access road. The area at present includes 12 buildings measuring 185 by 40 feet each and one building measuring

NPIC/R-73/62

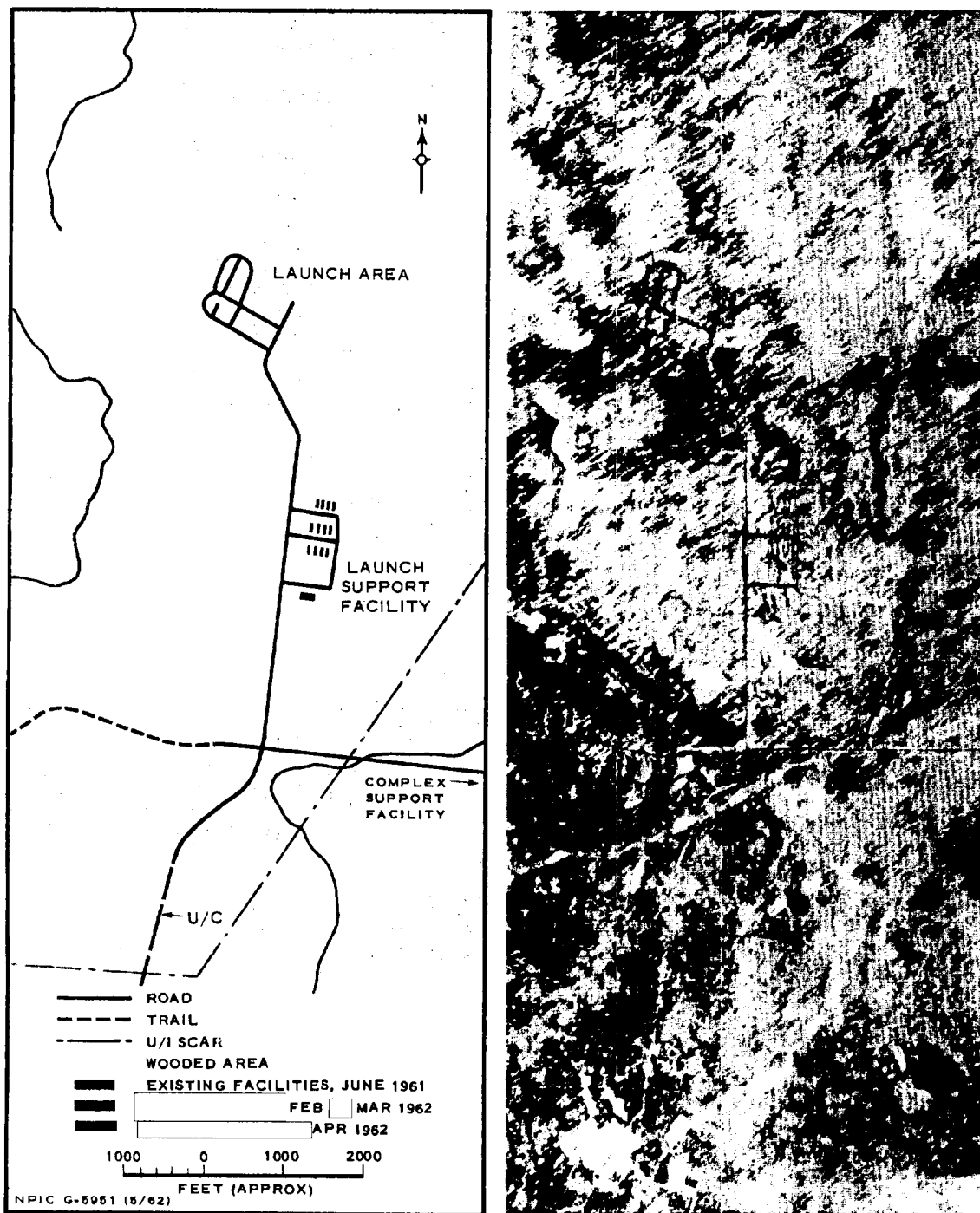


FIGURE 4. LAUNCH AREA, TYUMEN*, USSR.

approximately 185 by 80 feet. Additional new road construction is noted in the vicinity of the Launch Area. One road, a continuation to the south of the access road for the Launch Area, terminates in a wooded area approximately 2 nm south of the Launch Area. [redacted]

25X1

25X1

[redacted] A second road under construction 1.5 nm east of the access road to the Launch Area runs south from the main service road that connects the Complex Support Facility and the Launch Area (Figure 2). This road, approximately 3.5 nm long, terminates in a wooded area approximately 4.7 nm southeast of the Launch Area. Some unidentified activity is noted at the terminus of this road.

REFERENCES

PHOTOGRAPHY

<u>Mission</u>	<u>Date</u>	<u>Pass</u>	<u>Camera</u>	<u>Frame</u>	<u>Classification</u>
[redacted]	Jun 61	[redacted]	[redacted]	[redacted]	TOP SECRET RUFF
[redacted]	Dec 61	[redacted]	[redacted]	[redacted]	TOP SECRET RUFF
[redacted]	Mar 62	[redacted]	[redacted]	[redacted]	TOP SECRET RUFF
[redacted]	Apr 62	[redacted]	[redacted]	[redacted]	TOP SECRET RUFF
[redacted]		[redacted]	[redacted]	[redacted]	TOP SECRET RUFF

CHARTS OR MAPS

SAC. US Air Target Chart, Series 200, Sheet 0156-20A, 1st ed, Feb 59, scale 1:200,000 (SECRET)

REQUIREMENTS

Air. AFIC 62-22

CIA. DDI/RR/E/R-42/62

NPIC PROJECT

JN-117/62