

No. Pages: 7

TOP SECRET

COPY NO.: 29

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

TANK AND TRACTOR ENGINE PLANT 77
BARNAUL, USSR



**CONTAINS SENSITIVE
COMPARTMENTED INFORMATION** TA-M58-57

DOCUMENT NO. 12
NO CHANGE IN CLASS.
 DECLASSIFIED
CLASS. CHANGED TO: TS (S) C7012
NEXT REVIEW DATE 1/10/72
AUTH: HR 70-2
DATE: 0706/62 REVIEWER: 0394

31 DECEMBER 1957

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

CENTRAL INTELLIGENCE AGENCY
OFFICE OF RESEARCH AND REPORTS

This document contains information usable only within the TALENT CONTROL SYSTEM. It is to be seen on a MUST-KNOW BASIS ONLY BY PERSONNEL ESPECIALLY INDOCTRINATED AND AUTHORIZED. Reproduction is prohibited unless approved by the originator.

Declass Review by NIMA/DOD

TOP SECRET

TALENT

W A R N I N G

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

~~TOP SECRET CHESS~~

Approved For Release 2001/09/07 : CIA-RDP78T04753A000400010022-5

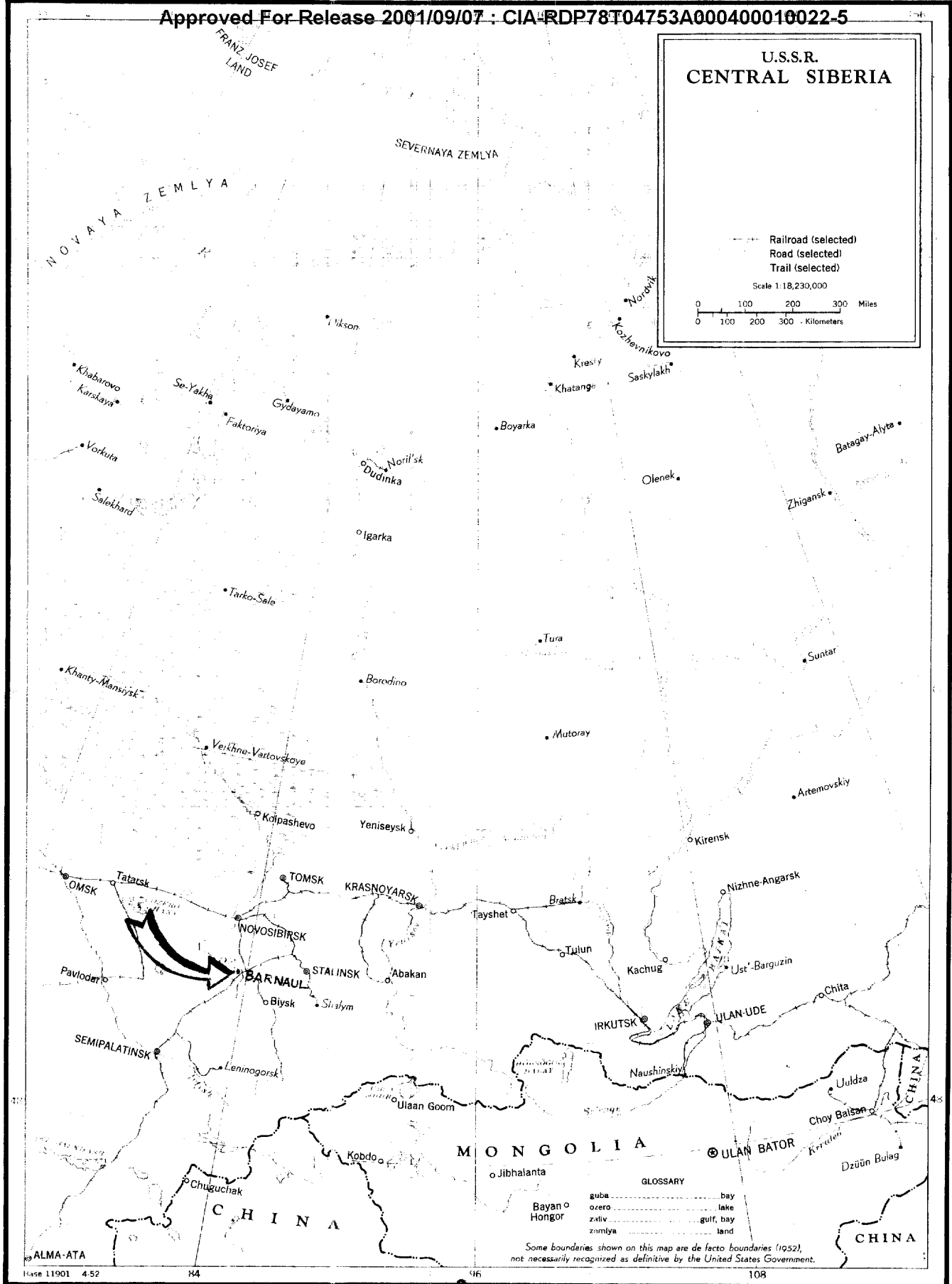
TANK AND TRACTOR ENGINE PLANT 77

BARNAUL, USSR

HTA/M-58/57
31 December 1957

~~TOP SECRET CHESS~~

Approved For Release 2001/09/07 : CIA-RDP78T04753A000400010022-5



TANK AND TRACTOR ENGINE PLANT 77
BARNAUL, USSR

The Barnaul Tank and Tractor Engine Plant 77, one of the largest diesel engine plants in the USSR, is located in the northern outskirts of the city of Barnaul, approximately 120 miles south of Novosibirsk. This plant supplies engines to various tank plants in the USSR, produces engines and parts for machine tractor stations throughout the Altay region, and also is reported to be manufacturing caterpillar-type tractors for motorized artillery. 1/ 2/

This plant occupies an area 3900 by 2600 feet, or approximately 10,000,000 square feet, of which 1,391,000 square feet is occupied by buildings. The plant is well served by rail and is completely surrounded by a wooden fence eight to ten feet high. A newly constructed boilerhouse appears to be in operation and a probable administration building is under construction.

The major components of the plant are annotated on the accompanying photograph and identified and described in the following key.

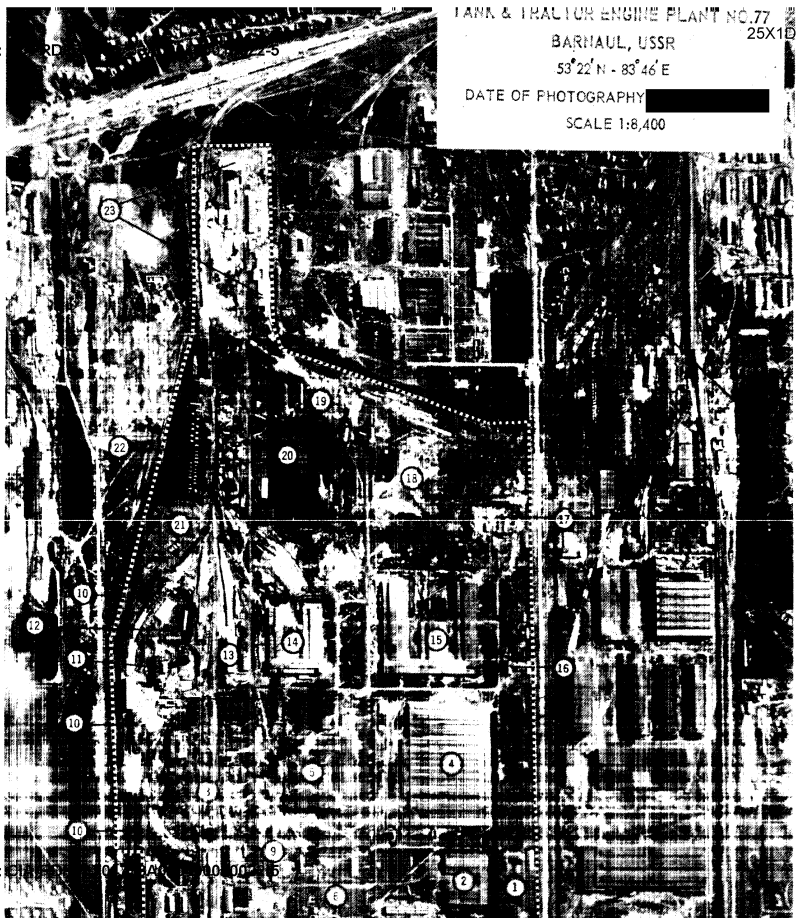
KEY TO ANNOTATIONS

1. Three storage-type buildings, single story, 125 by 70 feet, 125 by 40 feet, and 105 by 35 feet.
2. Machine tool shop. U-shaped, single story, monitor roof, 360 by 45 feet with two wings, each 225 by 125 feet.
3. Possible administration building under construction, two story, 280 by 50 feet.
4. Assembly shop, single story, 775 by 535 feet, with an adjoining two-story section, 530 by 35 feet. A high tower is located near the east corner of this building.
5. Forge and machine shop, U-shaped, single story, monitor roof, 520 by 90 feet, with two wings, 325 by 100 feet and 335 by 85 feet.
6. Seven administrative buildings, single story, varying in size from 220 by 25 feet to 50 by 45 feet, and including a mess hall, a dispensary, a recreation building, and a motor pool building.
7. Production building or well-vented storage building, single story, 235 by 110 feet.
8. Storage area, including approximately 1,310,000 sq. ft. of open storage space and eighteen storage building or sheds, single story, varying in size from 275 by 50 feet to 60 by 25 feet.
9. Woodworking shop, 320 by 65 feet.
10. Coal storage areas.
11. New boilerhouse, 220 by 35 feet. Adjacent to the boilerhouse are a cooling tower, a coal crushing and storage building, 210 by 60 feet, and a building under construction, 115 by 35 feet. Overhead pipelines carry steam to various shops throughout the plant area.

KEY TO ANNOTATIONS (continued)

12. Five storage buildings, single story, 135 by 65 feet, 125 by 40 feet, 90 by 35 feet, 90 by 25 feet, and 70 by 15 feet.
13. Sand-sifting, cleaning, and storage building, 220 by 100 feet. A large stockpile of moulding sand is located just north of this building.
14. Foundry building, U-shaped, single story, monitor roof, 350 by 90 feet, with two wings, each 350 by 125 feet. A bridge crane runs along the northwest side of this building.
15. Machine and tool-repair shop, E-shaped, single story, monitor roof, 645 by 85 feet, with three wings, one 245 by 165 feet, and two 500 by 165 feet.
16. Administration building, T-shaped, single story, 160 by 60 feet, and 115 by 70 feet.
17. Seven storage-type buildings, single story, varying in size from 145 by 40 feet to 50 by 15 feet.
18. Plant dump area.
19. Nine storage buildings, single-story, varying in size from 210 by 25 feet to 20 by 20 feet.
20. Three storage buildings, single story, 125 by 40 feet, 65 by 35 feet, and 55 by 25 feet.
21. Waste dump.
22. Open storage area.
23. Processing plant. The function of this newly constructed plant has not been determined. It appears to be engaged in processing sand, gravel, or similar earth materials. The installation consists of: three processing buildings, 220 by 40 feet, 170 by 50 feet and 150 by 75 feet, connected by two covered conveyers, 90 and 60 feet long; three storage buildings, 260 by 50 feet, 240 by 45 feet, and 60 by 25 feet; and a 90 by 50 foot shop. Although located within the fenced area it seems doubtful that this facility is an integral part of the tank and tractor engine plant.

Approved For Release 2001/09/07 :



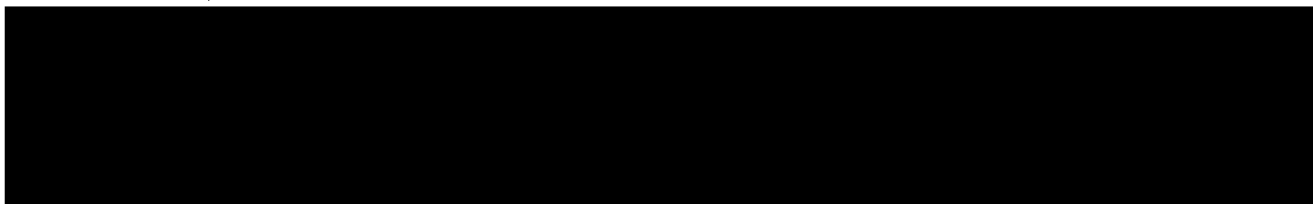
Approved For Release 2001/09/07 :

HTA/M-58/57

REQUIREMENT: Prepared in answer to RR/HTA/E/R50/57 requesting
a description of the Barnaul Tank and Tractor Engine Plant 77.

25X1D

PHOTO DATA



REFERENCES:

ATMP: 0162-9999-0-25MA, 1st. Ed., Mar 1955
0162-9999 TIS, 2nd. Ed., 10 Feb 1955

OTHER: 1. CIA. 00-B-81744, 30 Dec 1954.
2. Army, ID-HQ FEC. Report No. 7994, 4 Nov 1949.

COORDINATES: 53°22'N - 83°46'E

B.E. NUMBER: 

25X1A

**T
A
L
L
E
N
T**