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PHOTOGRAPHIC INTERPRETATION REPORT

# AIRCRAFT ENGINE PLANTS NO 26A AND 26B NEAR UFA, USSR



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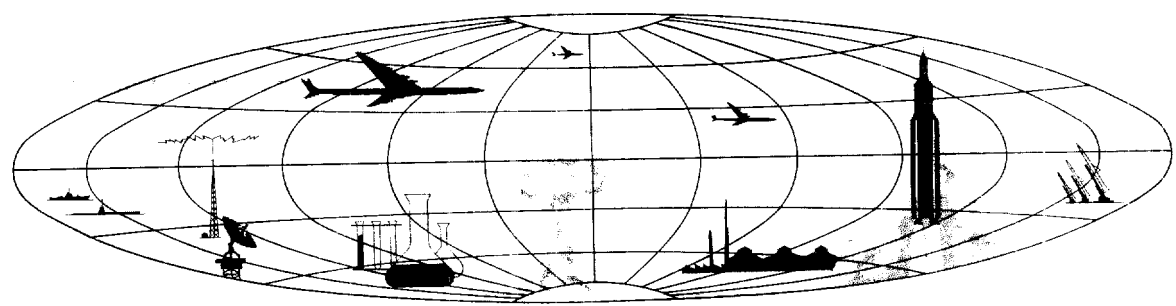
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GROUP 1  
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AIRCRAFT ENGINE PLANTS NO 26A AND 26B NEAR UFA, USSR

25X1D

25X1D

25X1D

INTRODUCTION

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Aircraft Engine Plants No 26A and 26B are situated 7.5 and 6.5 nautical miles (nm) respectively northeast of the center of the city of Ufa, USSR (Figure 1). Plant No 26A occupies an area of approximately 335 acres, and Plant No 26B occupies approximately 250 acres. Multiple rail spurs from the Ufa-Chelyabinsk main line enter each plant area. The two plants are about 2 nm apart, Plant No 26A being east and slightly south of Plant No 26B. The production facilities of the two plants are believed to be interrelated, and their combined production is believed to include jet, turbojet, and cruise missile engines of various types.

Basic knowledge of the Ufa plants was derived from German photography of 1942. No usable TALENT or KEYHOLE photography of the plants was available until [redacted] when the fair-quality KEYHOLE photography from [redacted] provided the basis for limited photographic interpretation. The excellent KEYHOLE photography of [redacted] reveals considerably more detail of the major facilities of the two plants than could be seen previously and permits a more definitive analysis than has been possible with photography from earlier missions.

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AIRCRAFT ENGINE PLANT NO 26A

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Aircraft Engine Plant No 26A (BE No [redacted]) is situated at 54-47N 56-07E (Figures 2 and 3). As of [redacted] this plant consisted of 17 major buildings and numerous smaller buildings with a total roof coverage of approximately 1,578,120 square feet. Measurements of the major buildings are presented in the tabular inset of Figure 3.

been visible on earlier photography. Buildings 6 and 17, Figure 3, were erected after [redacted]. Some or all of the other ten buildings may have been built during the period between [redacted] but it is more likely that most of them previously escaped detection because of the relatively poor quality of the [redacted] photography. Roof coverage of the 12 newly observed buildings totals more than 80,000 square feet.

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Between 1942 when the German photography was obtained and [redacted] there was an increase at Plant No 26A of more than 350,000 square feet of roof coverage. Most of this increase was accounted for by the addition of the large assembly building (item 1, Figure 3), the administration building (item 10), and a long narrow building (item 5).

The functions of various buildings comprising Plant No 26A are shown on Figure 3. Building 7 is a complex structure with a three-level roof. The engine test and assembly building (item 3) has a high section in about the middle of its south side from which rise three apparently rectangular stacks that are probably vents for L-type engine test cells.

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Approximately 12 buildings were observed on the [redacted] photography that had not

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AIRCRAFT ENGINE PLANT NO 26B

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Aircraft Engine Plant No 26B [redacted] is situated at 54-47N 56-04E (Figures 4

and 5). As of [redacted] this plant consisted of 11 major buildings and numerous

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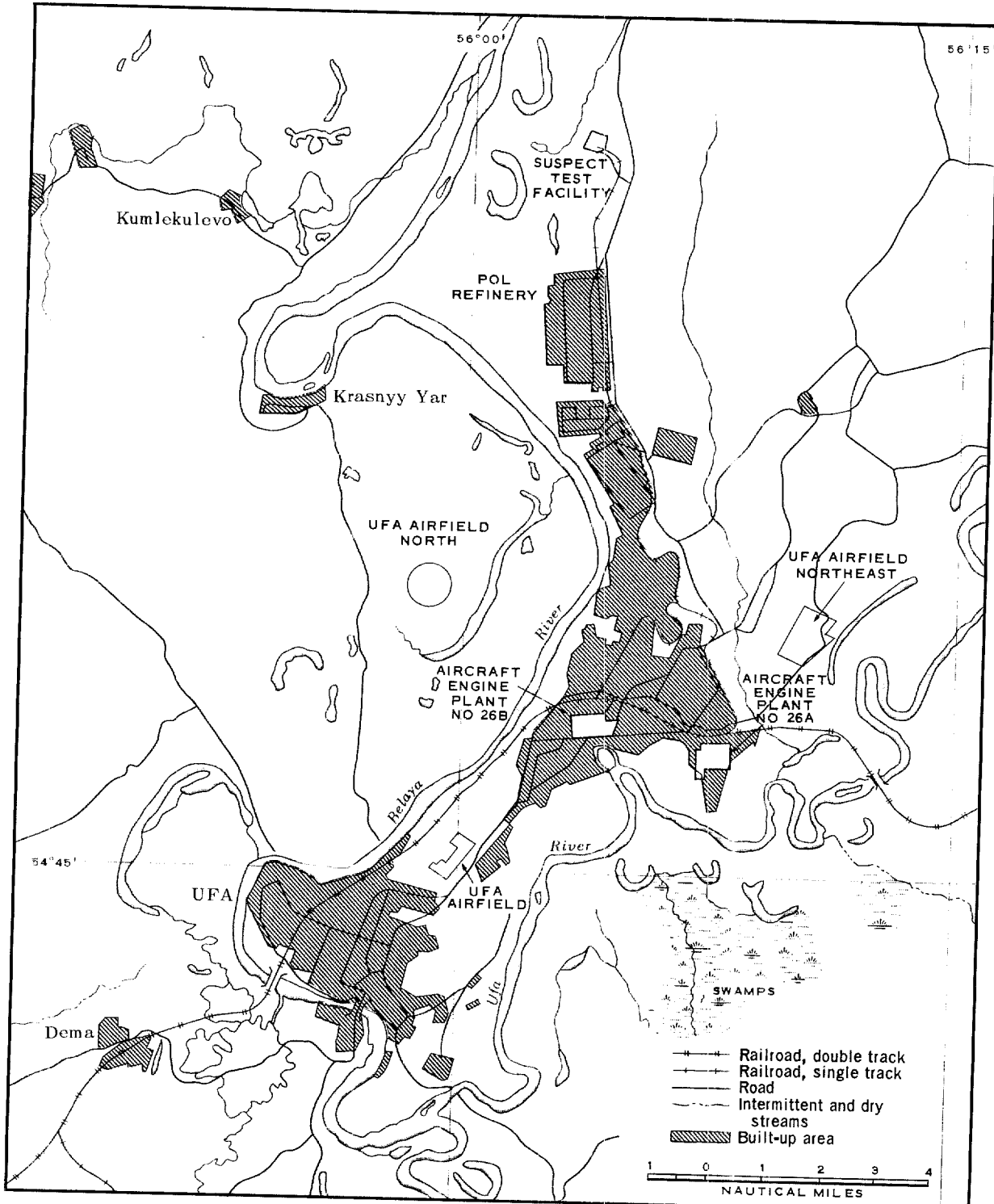


FIGURE 1. LOCATION MAP.

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FIGURE 2. AIRCRAFT ENGINE PLANT NO 26A, [REDACTED]

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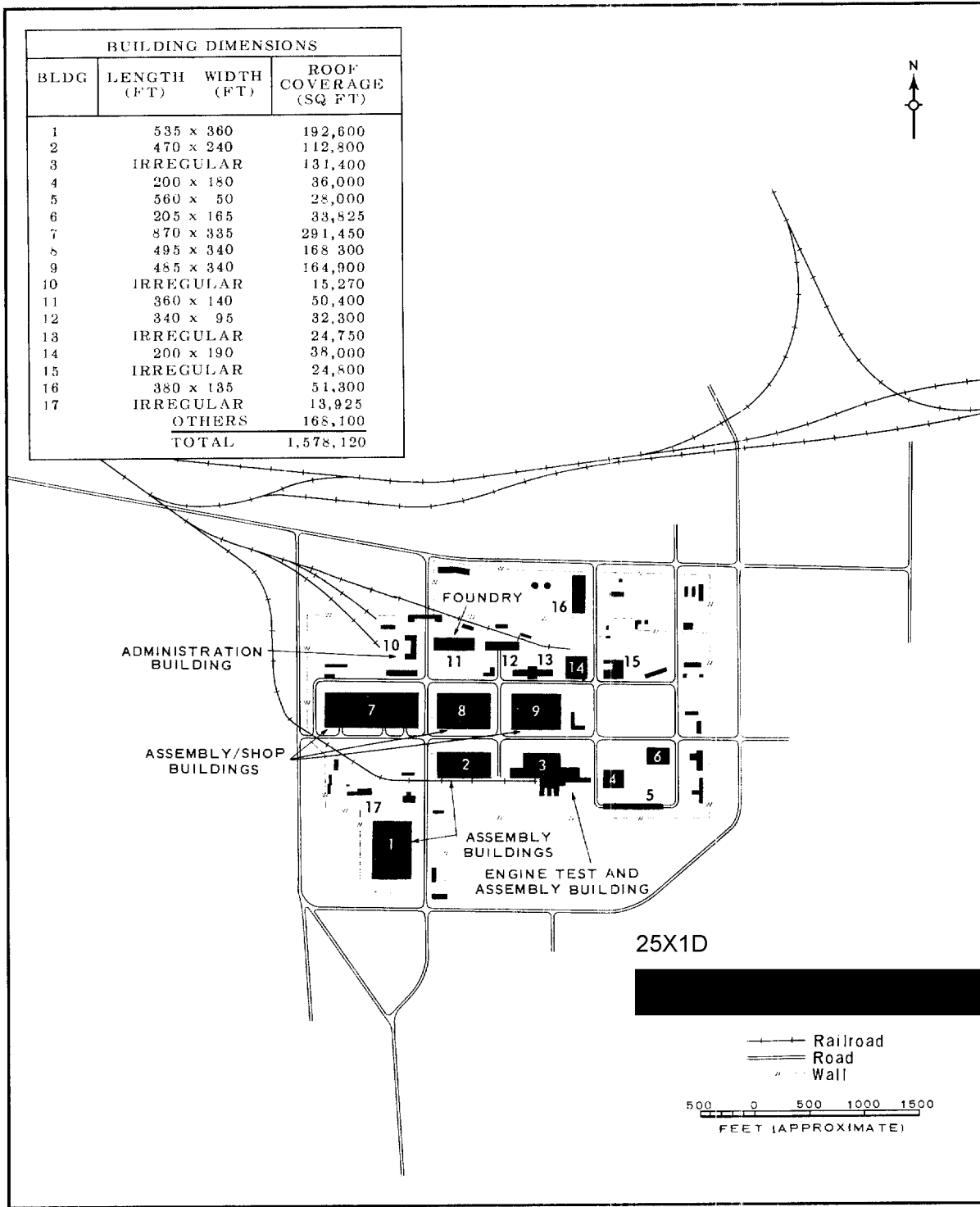


FIGURE 3. AIRCRAFT ENGINE PLANT NO 26A.

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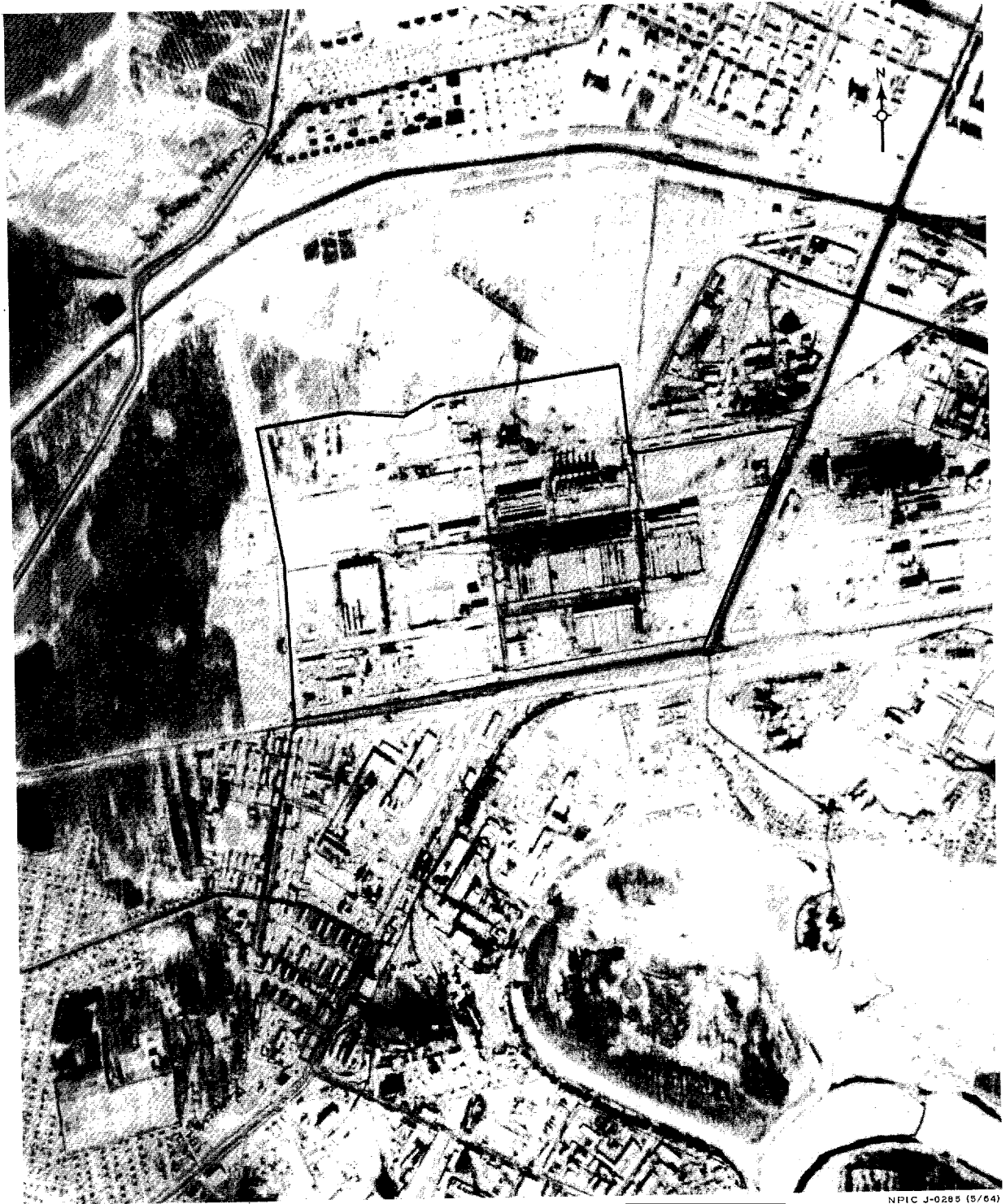


FIGURE 4. AIRCRAFT ENGINE PLANT NO 26B, [REDACTED]

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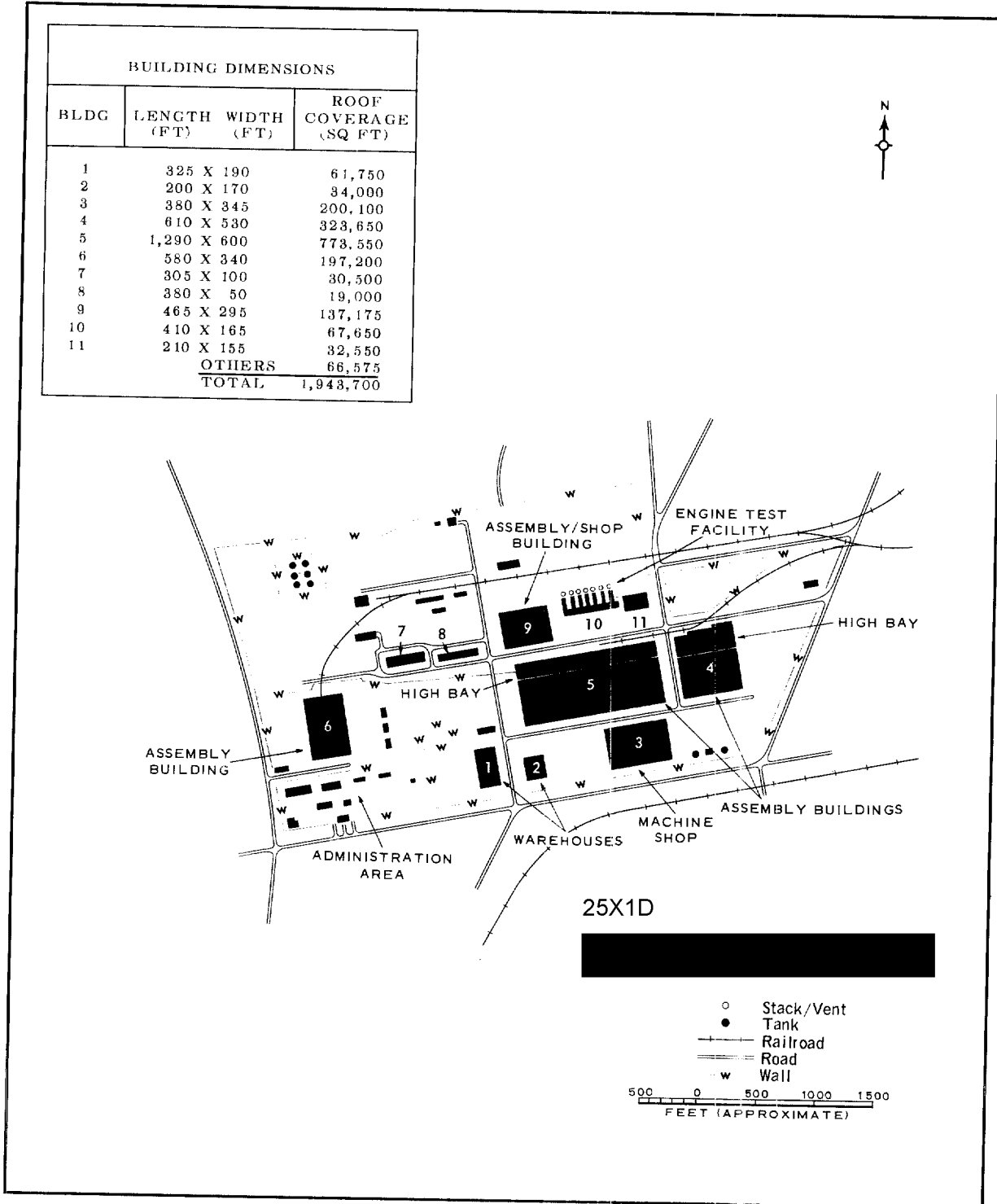


FIGURE 5. AIRCRAFT ENGINE PLANT NO 26B.

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smaller buildings with a total roof coverage of about 1,943,700 square feet. Between 1942 and [REDACTED] there was an increase of about 570,000 square feet of roof coverage, including the addition of a new building for jet engine testing (item 10, Figure 5), a large assembly building (item 4), and a number of small buildings in the Administration Area.

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mine. It appears to have a sloping roof with the higher end on the east and with the lower western end terminating close to the engine test facility (item 10).

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The principal new construction since [REDACTED] consists of two large buildings (items 6 and 11, Figure 5) which provide roof coverage of approximately 230,000 square feet. Building 6 is an additional assembly building. The function of building 11 is difficult to deter-

Seen for the first time on the [REDACTED] photography, in addition to buildings 6 and 11, are seven small buildings and six vertical above-ground tanks (Figure 5). These may also be new construction. Also newly observed are seven tall stacks or vents, each of which is separate from but centered in front of each one of the seven bays of the engine test facility (item 10).

#### CONCLUSIONS

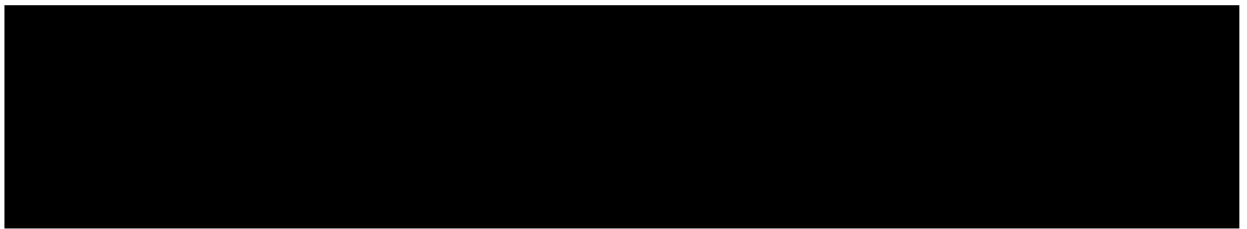
The continued expansion of the aircraft engine plants at Ufa, particularly of Plant No 26B, indicates an increasing level of activity in

the production of aircraft and/or missile engines. No available photographic data indicate the types or quantities of engines produced.

#### REFERENCES

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#### PHOTOGRAPHY



#### MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0165-10A, 1st ed, Sep 58, scale 1:200,000 (SECRET)

#### REQUIREMENT

CIA. C-RR4-81,151

#### NPIC PROJECT

N-291/64 (partial answer)



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