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Declassification review by NIMA/DoD

CIA/PIB-1007/61

MOSCOW/FILI AIRFRAME PLANT NO. 23

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This brief provides a metric analysis of nine buildings comprising the portion of the Moscow/Fili Airframe Plant No 23 which has been constructed since [redacted] and is based on [redacted] photography. It is intended to supplement CIA/RR RA-20 which is a detailed study of this plant based on [redacted]

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Moscow/Fili Airframe Plant No 23 is believed to be the only factory producing the Bison heavy bomber and is estimated to be one of the five largest Soviet airframe plants. It is located in the western part of Moscow in a bend of the Moscow River.

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CIA/RR RA-20 estimates [redacted] floorspace to have been 2.4 million square feet, and roof cover, 2.1 million square feet. The nine buildings constructed since [redacted] provide an additional 712,540 square feet of floor space and 590,370 square feet of roof cover, making 1956 floor space 3.1 million square feet and roof cover 2.7 million square feet.

Table 1 gives dimensions, number of stories, roof cover, and floor space of the nine post-World War II buildings, which are annotated on the accompanying photograph and described in the key to annotations.

KEY TO ANNOTATIONS

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Building 1 A probable combination shop and administration building. It has two two-story wings and the shop portion has eight transverse roof monitors.

Building 2 A Section - Probable combination shop and administration building. Only the exterior walls of this section had been erected at the time of the [redacted] photography. It has two three-story wings.

B Section - A probable combination hangar and administration building. It has two three-story wings.

Building 3 Probable combination shop and administration building with one two-story wing. The shop portion has four longitudinal roof monitors.

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Building 4 Possible warehouse.

Building 5 Possible shop or warehouse.

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Building 6 "T" shaped, probable combination shop and administration building. The exterior walls of this building had been erected at the time of [] photography. The wing portion is probably two stories.

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Building 7 Probable shop building. The exterior walls of this building had been erected at the time of [] photography.

Building 8 A probable shop or warehouse.

Building 9 Two probable warehouses. One was under construction in [] 25X1

TABLE I. ROOF COVER AND FLOOR AREA OF NINE POSTWAR BUILDINGS AT MOSCOW/FILII AIRFRAME PLANT NO 23.

Building No		Length (ft)	Width (ft)	Stories	Roof Cover (sq ft)	Floor Space (sq ft)
1	Shop	470	405	1	190,350	190,350
	Wing	470	30	2	14,100	28,200
	Wing	470	30	2	14,100	28,200
2	(A Section)					
	Shop	470	170	1	79,900	79,900
	Wing	470	25	3	11,750	35,250
	Wing	470	25	3	11,750	35,250
	(B Section)					
	Hangar	210	160	1	33,600	33,600
3	Wing	170	40	3	6,800	20,400
	Wing	170	40	3	6,800	20,400
3	Shop	470	230	1	108,100	108,100
	Wing	470	30	2	14,100	28,200
4		175	70	1 (prob)	12,250	12,250
5		115	40	1 (prob)	4,600	4,600
6	Shop	300	155	1 (prob)	46,500	46,500
	Wing	210	27	2 (prob)	5,670	11,340
7		170	80	1 (prob)	13,600	13,600
8		110	40	1 (prob)	4,400	4,400
9	Warehouse	150	40	1	6,000	6,000
	Warehouse	150	40	1	6,000	6,000
TOTAL					590,370	712,540

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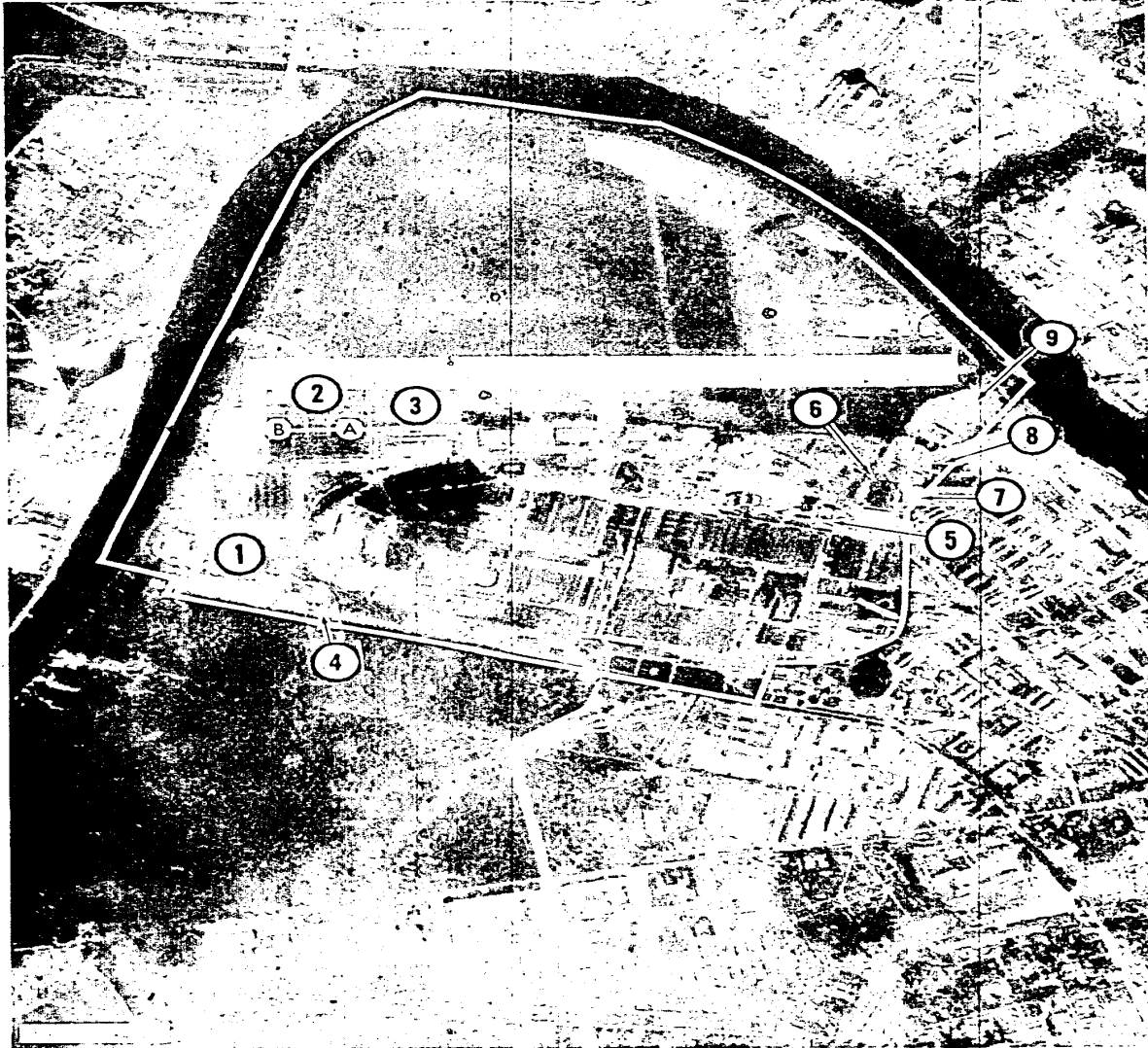
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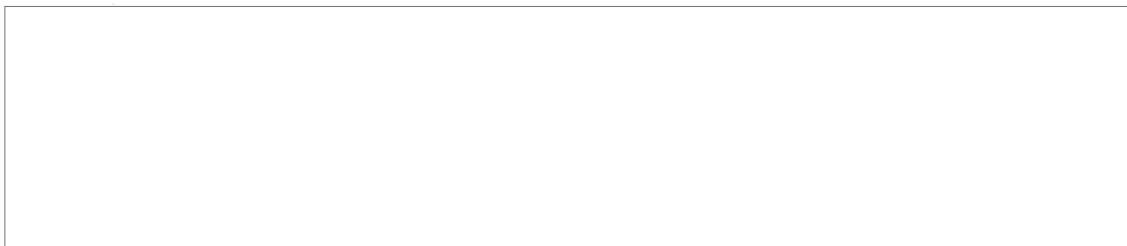
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REFERENCES

PHOTOGRAPHY



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MAPS

SAC. US Target Mosaic, Series 10, Sheet 0167-8044-10MA, 1st ed,
Jun 52, scale 1:10,000 (S)

DOCUMENTS

CIA. RR RA-20 Estimated Floor Space of Moscow/Fili Airframe
Plant No 23, 25 Oct 57 (S)

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