

BASIC IMAGERY INTERPRETATION **REPORT**

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

MOSCOW AIRCRAFT EXPERIMENTAL PLANT TSAGI 156

25X1

STRATEGIC WEAPONS INDUSTRIAL FACILITIES USSR **MARCH 1972**

Reviewed by NGA.

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25X1 **TOP SECRET** RCA-09/0040/72 COPY NO 121 6 PAGES

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istallation or activity name Moskva Aircraft Experimental Plant TsAGI 156			COUNTRY		
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			NA NA	(If required)	
		Δ	BSTRACT		
also contain Experiment developmen II, has 43 2. This	ns the A.N. Tup tal Plant 156. The nt of the Soviet T major structures quare feet). s report contain	polev experin he Tupolev o 'U-series of ais s and contai as a location	nental design design bureau rcraft. The pla ns a total flo map; an ani	bureau and is responsibnt, which date or contacted photon	mics in the USSR. It its affiliated Aircraft le for the design and tes back to World War square meters tograph; and a table all major structures in
		INTR	ODUCTION		
organization separate ar located 2.4 Aerohydrod	n for design-orie nd distinct insta	ented applied allationsMo es (nm) east e (TsAGI)	research in a scow Aircraft t of the Krer	erodynamics Experiment nlin, and R located 26	the principal Sovies. 1 It consists of two al Plant TsAGI 156 Lamenskoye Centra in m southeast of the TsAGI 156.
institute's Ramenskoy research an	research progra e was construc	ams. ¹ Duri ted. Subsequ ynamic and s	ing the mid-1 nently the restructural testing	940s the Ta sponsibility ng was report	for all aspects of the sAGI installation a for aerospace-related tedly transferred from tGI.
(street) (Fig and designa bureau (Ol	gure 2). To the no ated area A in th	orth is the orig his report. So upolev and t	inal TsAGI fac outh of Radio V the OKB-affil	ility, often re Ulitsa are the	vided by Radio Ulitsa ferred to as old TsAG e experimental design mental Plant 156, 2
aerodynami ventilation	ics. ¹ This include	es research in ady of compre	the developmessors and turb	ent of blowe oo machinery	ustrial and municipa ers and fans, design o . It is also responsible nydrodynamics. ¹
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BASIC DESCRIPTION

8. Moscow Aircraft Experimental Plant TsAGI 156 encompasses 53 acres and contains 43 major structures. The total floorspace is 25X1

9. Area A, old TsAGI, is located on the north side of Radio Ulitsa and covers a city block (Figure 2). This area contains aerodynamics laboratories, wind tunnels, and a towing basin. The wind tunnels located in two laboratory buildings (items 42 and 43, Figure 2) were present prior to the mid-1930s. ¹ The towing basin (item 39), designed by A.N. Tupoley, 1 consists of a tank approximately 198 meters (650 feet) long,

The towing basin has been used in testing air cushion and hydrofoil vehicles and for research in the hydrodynamics of hydrofoils. 1

10. Area B extends from the south side of Radio Ulitsa to the banks of the Yauza River, fronting on Saltykovskaya Nab (street) (Figure 2). This area, which encompasses two city blocks, contains the A.N. Tupolev OKB and OKB experimental fabrication Plant

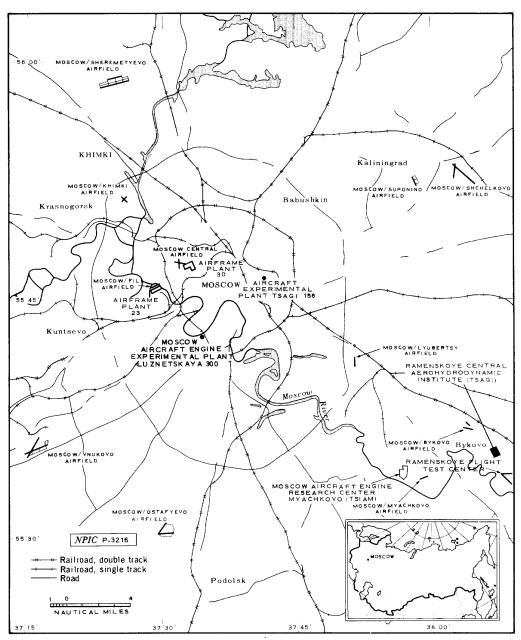


FIGURE 1. LOCATION MAP

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structu testing fabricat shop bu 11.	The principal buildings associated with ration/engineering buildings (items 13 and 15 m). This section is principal testing of production aircraft on plant are two large assembly/engineering bidings (items 12, 17, and 21-24). The tabulation below presents the functional dexperimental Plant TsAGI 156, by area.	19). Section 13a is a single-story probably used for prototype static. The principal buildings of the uildings (items 15 and 18) and six	
	Functional Description		25
	Old TsAGI) b bldgs dmin/lab bldgs op bldgs pport bldgs		
	Tupolev OKB and Affiliated Experimental Plant) Imin bldgs Imin/engineering bldgs isembly/shop and engineering ildgs iop bldgs arehouse/storage bldgs ipport bldgs		
Total,	reas A and B		
Chron	оду		
photogram buildin in place two decorate was seen in are assemb 13. for new buildin admini 14.	When Moscow Aircraft Experimental Plant Ts phy of July 1941, both areas A and B were pro sin area A were complete, and over 70 percent of There has been no significant construction in des no usable photographic coverage of the pl on satellite photography the most B was a seven-story engineering section rengineering building (item 15). Between 1963 and 1967, several small building construction. The major additions during th g (item 1), a shop building (item 24), ration/engineering buildings (items 13 and 19). In 1968, construction started on a new assembles complete This building a	bably operational. All of the major f the major buildings in area B were area A since 1941. During the next lant was obtained. When the plant is significant new construction noted on that had been added to an as were razed in area B to make way his period were an administration and completion of the OKB bly/engineering building (item 18),	2!
	et) of floorspace to the plant.		۷:
Essent 15.	l Services		

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Security

- 16. The buildings in area A are aligned along the sidewalk around the entire block, with masonry/iron fences securing open areas. Some of these buildings have entrances facing the streets; these entrances are probably monitored by security guards inside the buildings. There are two vehicular/pedestrian gateways to Radio Ulitsa on the south side and one gate to Novokirochniy Pereulok (street) on the north side (Figure 2).
- 17. There are three gate entrances to area B. Two of the gates are on Saltykovskaya Nab. This street extends along the south and east sides of the installation. The third gate is on Radio Ulitsa on the north side. Area B also has buildings with entrances facing the street. A masonry/iron fence extends between the outer building and secures the balance of the perimeter of area B. No special security measures such as guard towers or multiple fencing were discernible in either area.

DUPPARIVORS	25X1
REFERENCES	
MAPS OR CHARTS	<u> </u>
SAC. US Air Target Chart, Series 200, Sheet 0167-5, scale 1:200,000	
DOCUMENTS	
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2. DOD. Tupolev Design Bureau, 30 Nov 70 (CONFIDENTIAL	25X1
3. USAF. FTD, CW-09-03-72, CHARGER (TU-144) Supersonic Transport, 15 Dec 71 (SECRET)	25X1
DECUMENTAL	
REQUIREMENT	
COMIREX J02 NPIC/IEG/SD/SIB Project 222380	
s the latest photography of this installation.	

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