

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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**imagery analysis report**

**Unidentified High-Performance Aircraft Test  
Scale Models, Ramenskoye Central  
Aerohydrodynamic Institute, USSR (TSR)**

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**UNIDENTIFIED HIGH-PERFORMANCE AIRCRAFT TEST  
SCALE MODELS, RAMENSKOYE CENTRAL AEROHYDRODYNAMIC  
INSTITUTE, USSR (TSR)**

1. (TSR) The wings and fuselage sections of two unidentified test scale models of a high-performance aircraft were observed at Ramenskoye Central Aerohydrodynamic Institute (BE [redacted] USSR, on imagery of [redacted] Figure 1). The two test scale models are similar in appearance, and each consists of a fuselage section with new-type variable geometry wings. One of the models had both its wings attached. On the other model, one wing was attached and the other was leaning against the fuselage. The fuselage of the model with its wings attached was [redacted] meters long and [redacted] in diameter (inset, Figure 1). The port wing, which was more fully swept than the starboard wing, was [redacted] from the centerline of the fuselage to the wing tip; the starboard wing was [redacted]

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2. (TSR) These previously unidentified test models were apparently in open storage in the southeast corner of the institute as early as [redacted]. On imagery of [redacted] the fuselages were observed without wings and were stored side by side. On imagery of [redacted] the fuselages were no longer present. The wings have not been observed since [redacted]

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3. (TSR) Ramenskoye Central Aerohydrodynamic Institute is the principal Soviet installation for design-oriented applied research in aerodynamics and is responsible for structural and aerodynamic testing of aircraft. The two test scale models were probably undergoing tests in the institute's high- and low-speed wind tunnels.

(S) Comments and queries regarding this report are welcome. They may be directed to [redacted] Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC, [redacted]

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