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# Flow around hypersonic aircraft models and simple geometries in a hypersonic shock tunnel

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*We studied shockwave configurations obtained during hypersonic gas flow around fragments of hypersonic aircraft. The article describes our test installation. We analyse the experimental data on flows around an acute wedge and a cylinder. These models pose as "simple geometry" models for testing new computation codes. We supply the results of comparing data obtained during computation and experimentation.*

**Keywords:** hypersonic flow, hypersonic aerodynamics, shock tunnel.

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