

MiG 105

The MiG 105 was a test vehicle designed and constructed as part of a Soviet plan to develop a two stage space-plane. It was constructed to test the space going part of the project but was the only component actually built.

In 1965 approval was given to begin development of a two stage space vehicle system known as *Spiral*. Tupolev was to build the hypersonic air-breathing first stage and MiG the manned orbital spacecraft. The project was halted in 1969 and revived in 1974 in response to the US Space Shuttle program, but the only part of *Spiral* actually constructed and flown was a subsonic aerodynamic test vehicle. It was equipped with a small jet engine for powered flight and wings that folded upwards during re-entry and gliding and folded down for landing. It made eight flights between 1976 and 1978, some under its own power and some launched from a Tu-95K. It is now on display in a Russian museum.

This model represents the sole MiG 105 circa 1976.

Data: manned test vehicle. *Engine* one Koliesov RD-36-35K turbojet of 2350kg thrust. *Wing span* 6.7m. *Length* 10.6m. *Gross weight* 4220kg. *Maximum speed* 800km/h. *Crew* 1.

Anigrand 1/72 kit completed by Leigh Edmonds in January 2011..



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