

Fokker V.27 Omega Models¹ resin kit

Monoplane fighter prototype

Scale 1:72

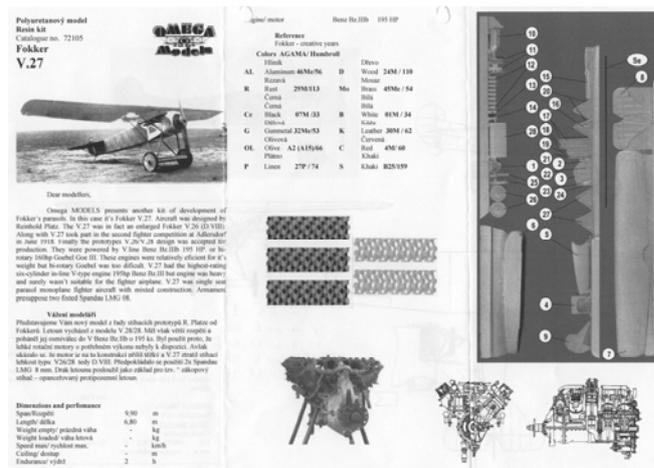
The Fokker V.27 prototype was the equivalent of the V.26 (the prototype for the E.V, later designated D.VIII) with a water-cooled and stronger Benz engine instead of the 110 hp Oberursel Ur II. Due to the heavier engine the dimensions were larger. Maximum speed was about the same (200 km/hr). The aircraft lost in the **second** fighter competition for the best fighter with water-cooled engine against the **TBD**.



The kit included resin parts, a length of metal wire, lozenge camouflage decals and two A4 instruction

sheets. The resin parts are well detailed and need little rework.

The instruction sheets give an overview of the parts in the kit, includes a list of paint colours to be used, but no painting instructions, a three-view drawing and a photograph, and has some detailed photographs and drawings of the V8 engine, which are really necessary to build the engine from the 13 different parts.



Grosz (ref. 1) and Engels (ref. 2) report identical dimensions; Engels also gives a three-view drawing.

	Ref.	1:72	model
Span	9.68 m	134.4 mm	mm
Length	6.34 m	88.1 mm	mm
Height	3.00 m	41.7 mm	mm
Engine	Benz Bz IIIb, 195 hp; Benz Bz IIIba, 200 hp		
Crew	1		
Armament	2 machine guns		

Building the model

To obtain a correct location of the wing relative to the fuselage, the tripods have been constructed from X.X mm plastic rod according to dimensions measured from the three-view drawing, which was also used to determine the exact position of the struts on the fuselage. I have produced from plasticard a jig, reproducing the location of the struts at the lower surface of the wing and used that to glue the struts in place.

Fuselage painting

Masking the olive coloured patch on each side of the engine compartment.



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References

1. P.M. Grosz & V. Koos, *Fokker Flugzeugwerke in Deutschland 1912-1921*, p. 115, ISBN 3-89880-355-4, 2004
2. A.S. Engels, *Fokker und seine Flugzeuge*, pp. 163-164, ISBN 3-930571-52-8, 1996
3. H. Hegener, *Fokker, The Man and the Aircraft*, p. 211, ISBN 0-8168-6370-9, 1961
4. T. Postma, *Fokker, Bouwer aan de Wereldluchtvaart*, p. 40, Fibula - Van Dishoeck, Haarlem, 1979
5. A.R. Weyl, *Fokker: The Creative Years*, p. 319, 325, Putnam, London, 1965
6. V. Koos, *Die Fokker-Flugzeugwerke in Schwerin, Geschichte - Produktion - Typen*, p. 28, ISBN 3-928820-21-4, 1993
7. P. Leaman, *Fokker Aircraft of World War One*, pp. 148-149, ISBN 1 86126 353 8, 2001

ⁱwww.omega-models.com