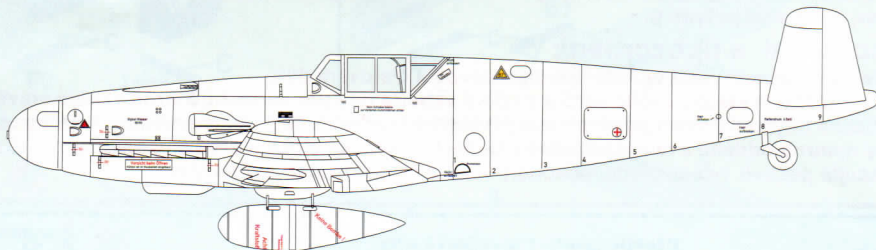


Messerschmitt Bf 109G-0 V-Tail



History in brief

One of three known photos of Messerschmitt Bf 109 G-0, VJ+WC, Werknummer 14003, as featured as part of report no. 109 08 E 43, issued by Messerschmitt AG's flight test department, dated May 5, 1943.

This early Bf 109 G-0, Werknummer 14003, VJ+WC, was used for Messerschmitt trials of a V-tail empennage on January 21, 25, 26, and 27, 1943. The extensive technical description and flight test reports, issued by Messerschmitt AG in Augsburg and dated from early 1943, survive and have been reproduced in their entirety in Luftfahrt - Band 5 (Germany, 1978, ISBN 3 87547 182 2). Only three pictures of this aircraft are known to exist (all originally included in the aforementioned technical description), but none of them show the entire Bf 109.

There are a number of features which distinguish this Bf 109. Based on its Werknummer, it was part of the first three Bf 109 G-0s produced at Messerschmitt's Regensburg plant in October of 1941. According to the technical description, the aircraft was powered by a Daimler-Benz DB 605 A (Werknummer 76172), driving a VDM airscrew. The aircraft's wings incorporated early (i.e., small) G-type wing bulges, implicating that the corresponding wider wheels had possibly been fitted. One of the photos of this Bf 109 shows that this aircraft had a Bf 109 F-4 type canopy, but it seems to have lacked any head armour. Also visible in the photos is a Bf 109 F type tail wheel. Werknummer 14003 had no antenna mast, but an antenna wire ran from each butterfly fin towards the canopy (the exact location where the wires entered the fuselage cannot be discerned from the existing photos).

An F-style external fuselage strengthening strip ran from the fuselage to the converted tail cone. This strip seems to have been riveted to the fuselage. There was also an apparent actuating rod on the bottom of the new tail fins, near the hinge point. The new fins were faired into the fuselage by means of (aluminium) slip-over gloves. On the outside of the fins, very noticeable external strips apparently signify the mounts of the hinges for the rudders. These strips are not present on the upper side of the fins.

The camouflage of Werknummer 14003 appears to have been standard for the time, i.e., 76/74/75. The converted tail cone had been left natural metal, and the two butterfly fins were painted in a dark color, possibly 66 or 70, or even 22. The aircraft Werknummer was hand-painted in white above the last letter of the call sign on both sides of the fuselage, right before the demarcation line from the camouflaged fuselage to the natural metal tail cone. The small number "8" denoting the fuselage frame was uniquely applied over the bottom part of the call sign letter "C" on the port side, on a small patch of what appears to be 76.

Symbols/Symboly

Drill hole



Vyvrtat

Cyanoacrylate



Vtiefinové lepidlo

Remove



Odstranit

Reduce



Zbrousit

Make new



Vyrobit

Option



Volba

Bend



Ohnout

Putty



Tmel

	Colour name	Humbrol		Colour name	Humbrol
A	RLM 22 Black	H33	G	Aluminium	H56
B	RLM 21 White	H34	H	RAL 01 Silver	H11
C	RLM 66 Black Grey	H67	I	RLM 24 Blue	H25
D	Gunmetal	H53	J	RLM 23 Red	H60
E	RLM 70 BlackGreen	H241	K	RLM 02 Grey	H240
F	RLM 04 Yellow	H24	L	RLM 26 Brown	H113

Drawings/Výkresy:

The last of the Egles/J.R.Beaman JR. Modelář 2/2006

References/Podklady

Bf 109 in action part.2
Bf 109G/K Kagero
Aero detail 5 Bf 109G
Internet

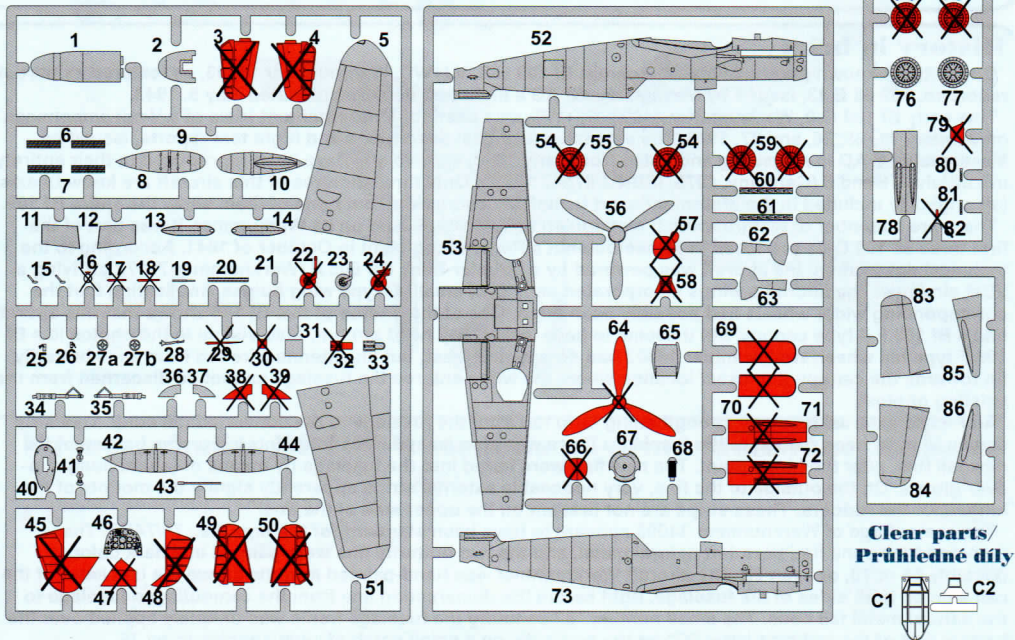
Read before you start:

- 1/ Before you begin, study carefully instructions, exploded drawings and numbering of parts.
- 2/ Prior your assembly, choose carefully your variant and remove all parts of it.
- 3/ Optional parts and theirs application compare with the picture on the box.
- 4/ Carefully remove parts, clean its and prior to applying adhesive, check to see whether the parts fit together.
- 5/ Assemble thoroughly, do not hurry. You will find that your finished model will reflect your time, work and patience.

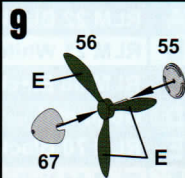
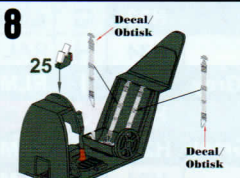
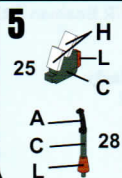
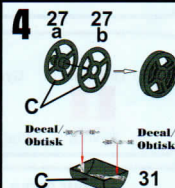
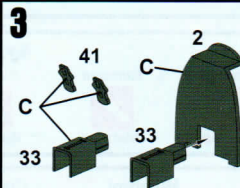
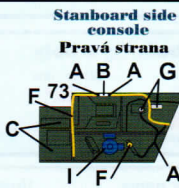
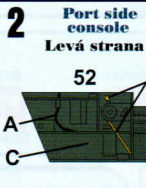
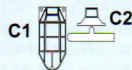
Doporučení a upozornění:

- 1/ Dříve než začnete ,prostudujte stavební návod a číslování dílů.
- 2/ Před začátkem stavby zvolte verzi a pečlivě vyberte díly pro variantu, kterou chcete stavět .
- 3/ Volitelné díly/možnosti a jejich použití při stavbě konfrontujte s náhledem markingu na obalu.
- 4/ Díly opatrně oddělte z rámečků, odstraňte technologické vtoky a před slepením je řádně začistěte.
- 5/ Pracujte pečlivě, nespěchejte, dokonalý vzhled modelu záleží jen na Vás.

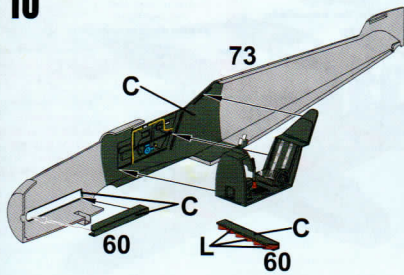
Plastic parts/Plastikové díly



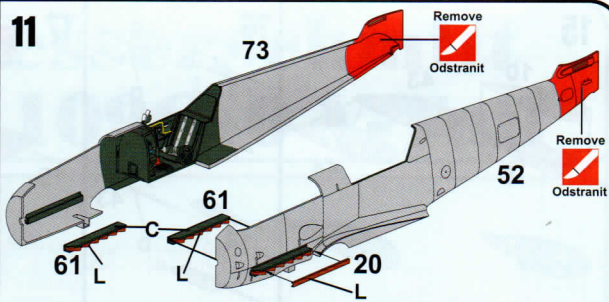
Clear parts/Průhledné díly



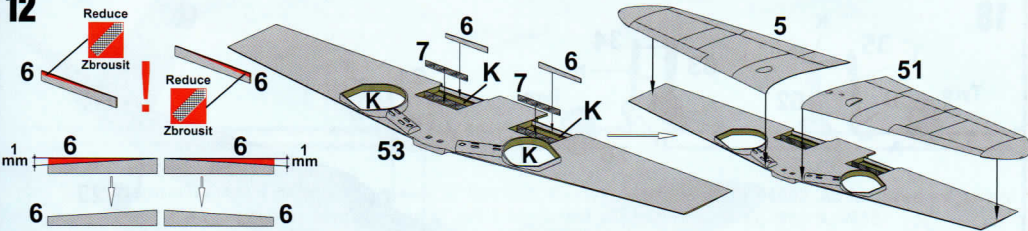
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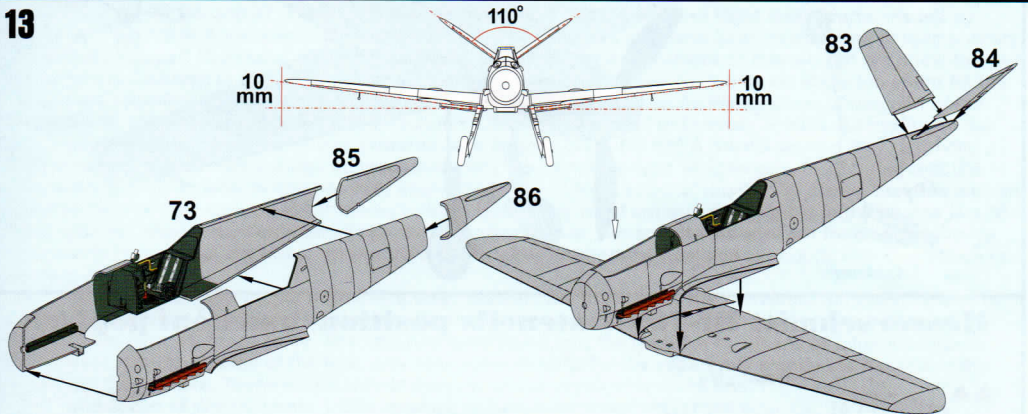
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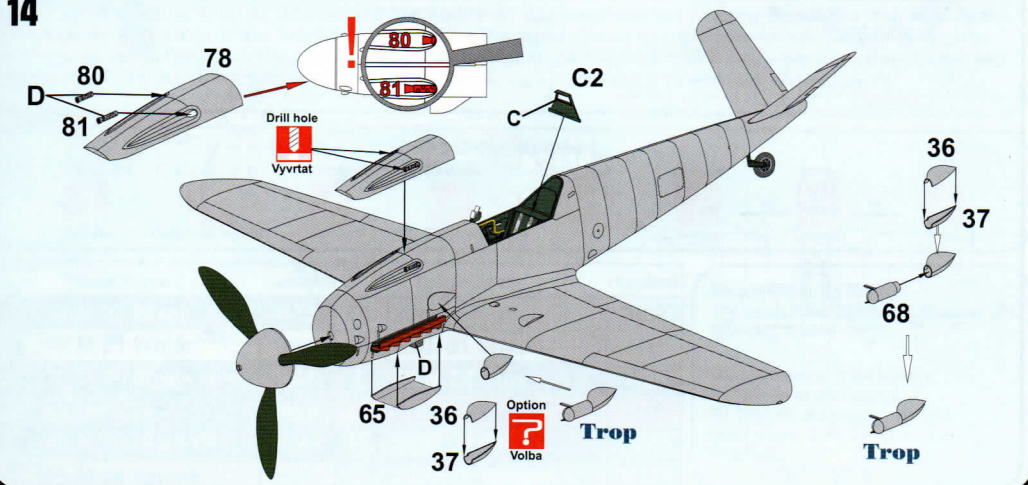
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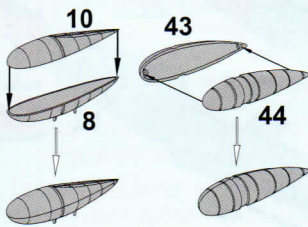
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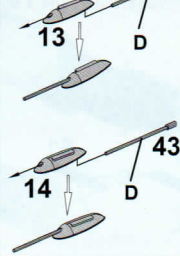
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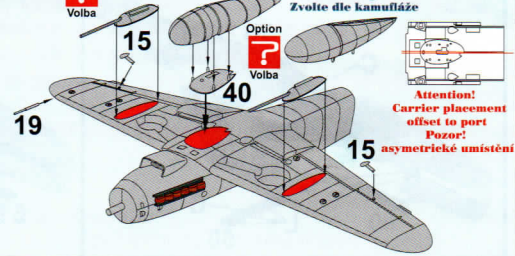
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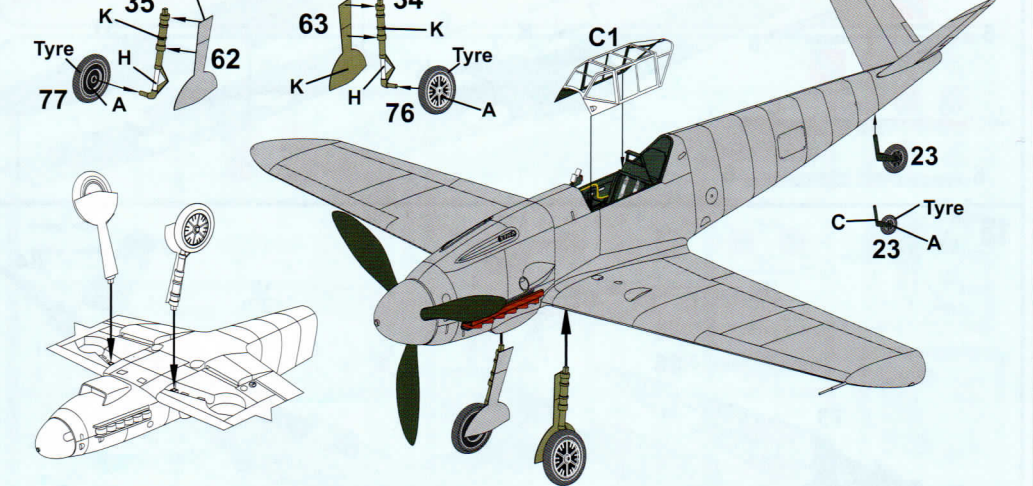
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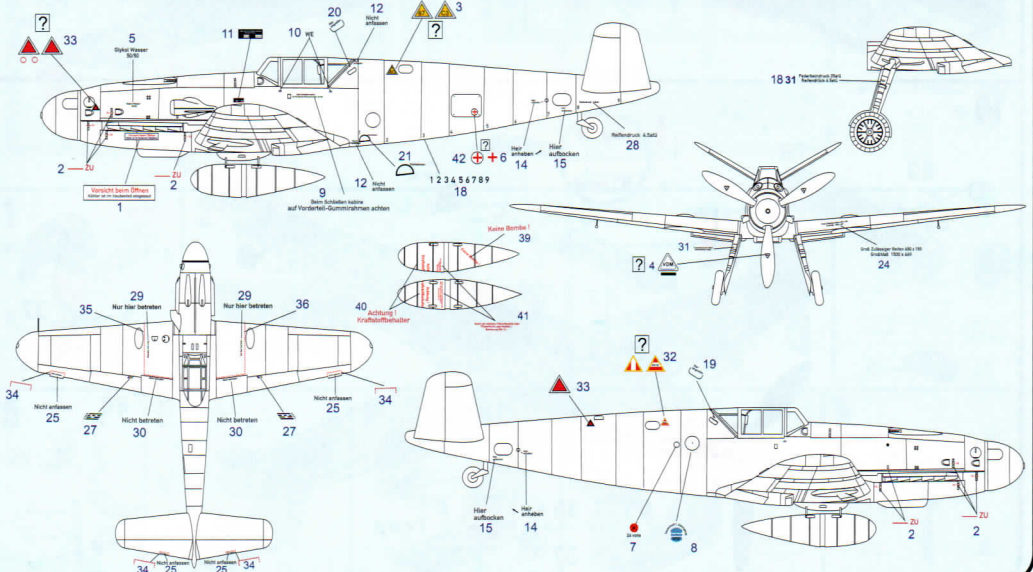
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18



Messerschmitt Bf-109 V stencils position / umístění popisek



1 1 2 2 3 3

4 VJ WC VJ WC

5 VJ WC

6 7 8 9

10 Nicht besetzen
11 Nicht besetzen

12 13

AZ Models BF 109G-0 V/48 AZ 7545
Made in Czech Republic

1 3 4 13 14 19 20 27

2 5 10 12 16 17 22 23

7 8 11 25 26 18 1 2 3 4 5 6 7 8 9

42 + 6 + 15 9 28 29 Nicht besetzen Nicht besetzen Nicht besetzen

31 32 33 38

35 36 34 39 40 Achtung! Nicht besetzen

37 41

design: AZ Models BF 109G Stencils