

## Messerschmitt BF109E



The Messerschmitt Bf109 was one of Germany's greatest front line fighter. Willy Messerschmitt designed the Bf109 during the 1930's and the first flight would follow on February 1937, from there 33,984 examples would be produced. When first introduced the Bf109 was one of the first truly modern fighters of the era, including such features as all-metal monocoque construction, a closed canopy, a retractable landing gear, and was powered by a liquid-cooled, inverted-V12 aero engine. Designed as a fighter plane the Bf109 would take on many different rolls during WWII. The Bf109 was flown by many top-scoring German fighter aces. Even by the end of World War II a skilled pilot in a Bf109 was a major threat to allied forces even with superior aircraft to the Bf109. After the war many Bf109's would be used in foreign services until the 1960's Many examples still survive today and some are still airworthy

The markings included in our kit are from Jagdgeschwader 26 of the Battle of Britain period.

### Messerschmitt Bf 109 E Specifications

Length	29' 7"
Wingspan	32' 6"
Power	Daimler-Benz DB 605A-1 1455hp
Performance	Max speed 398mph
Armament	2 MG 131 machine guns, 2 MG 151 cannons

# Messerschmitt BF109E



## Wooden Semi Scale Model Kit

Easy build sandwich construction

**No special tools required**

PAINT NOT INCLUDED

FOR AGES 8 AND UP  
**SKILL LEVEL 2**  
Contains One Model Kit

**OSBORN MODEL KITS**  
[www.osbornmodelkits.com](http://www.osbornmodelkits.com)



**KIT-6036**

### Building tips:

All parts will be a tight fit. If you find a part is too tight give it a bit of a sanding with 220 grit sandpaper. **DO NOT FORCE PARTS.** A hobby knife is suggested to cut the pieces from the part tree but most parts will break free easily. We recommend removing the burnt edge left by the laser with 220 grit sandpaper. This makes it easier for painting also it makes for a better appearance, especially if you are going to leave the model in it's natural wood state. Although the model is designed to be assembled without glue, we do suggest gluing your model together. Note indicated parts that are not to be glued. Any black substance that gets on your hands is non toxic and can be removed with soap and water

 Indicates do not glue part or assembly

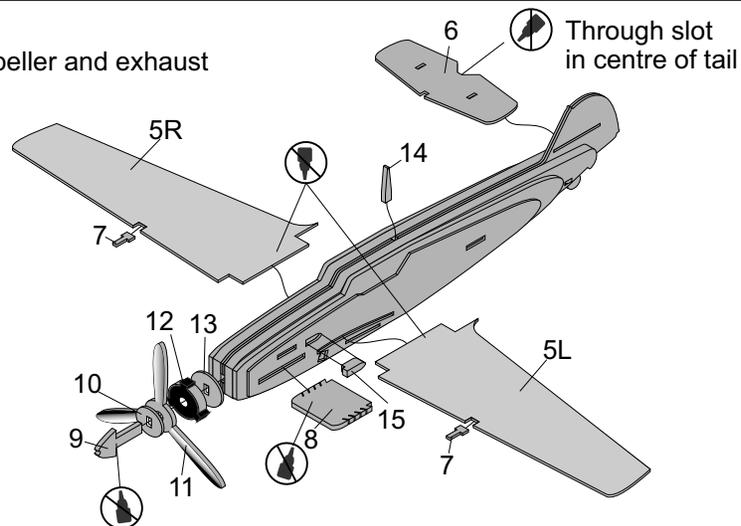
 Indicates part is a friction fit in order to hold in place

### Recommended Tools:

Hobby Knife, Scissors, White Glue, 220 grit sandpaper

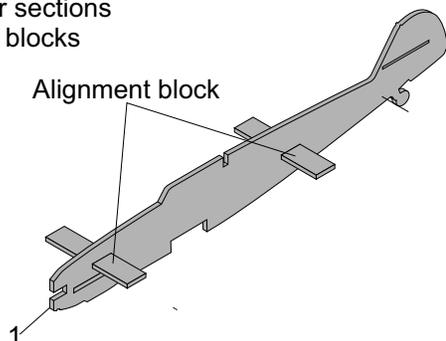
### Step 3

Wings, propeller and exhaust



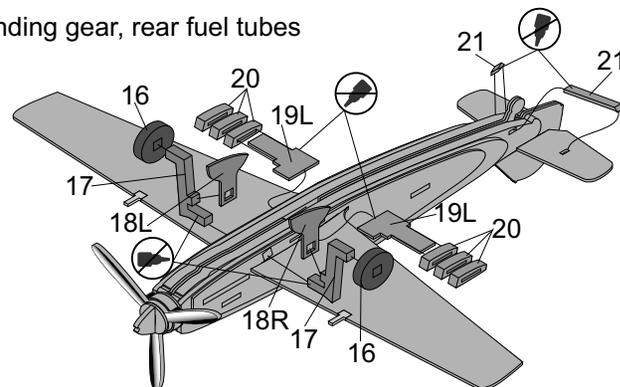
### Step 1

Fuselage inner sections and alignment blocks



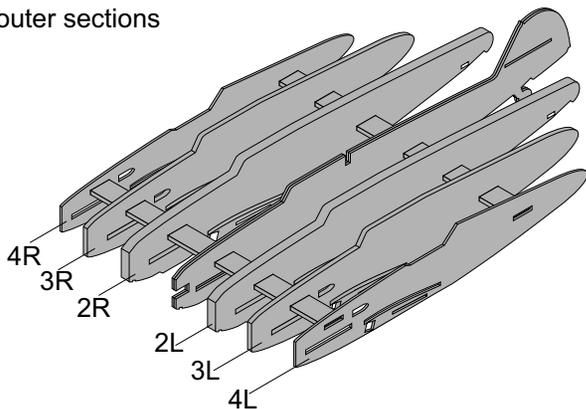
### Step 4

Radiators, landing gear, rear fuel tubes



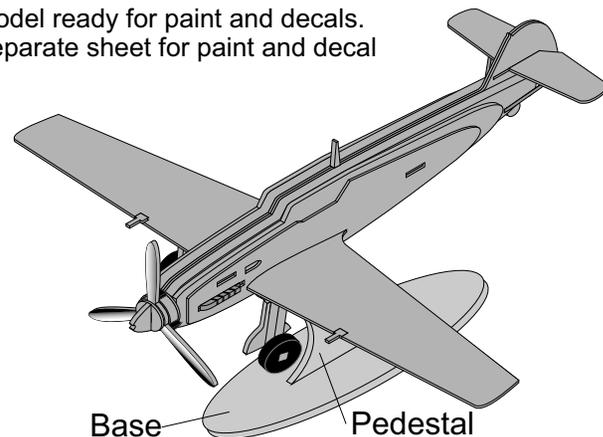
### Step 2

Fuselage outer sections



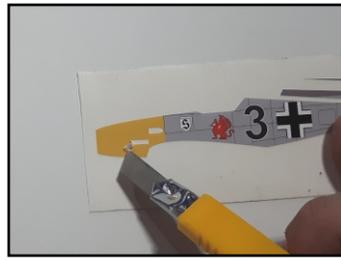
### Step 5

Completed model ready for paint and decals. Please see separate sheet for paint and decal instructions.





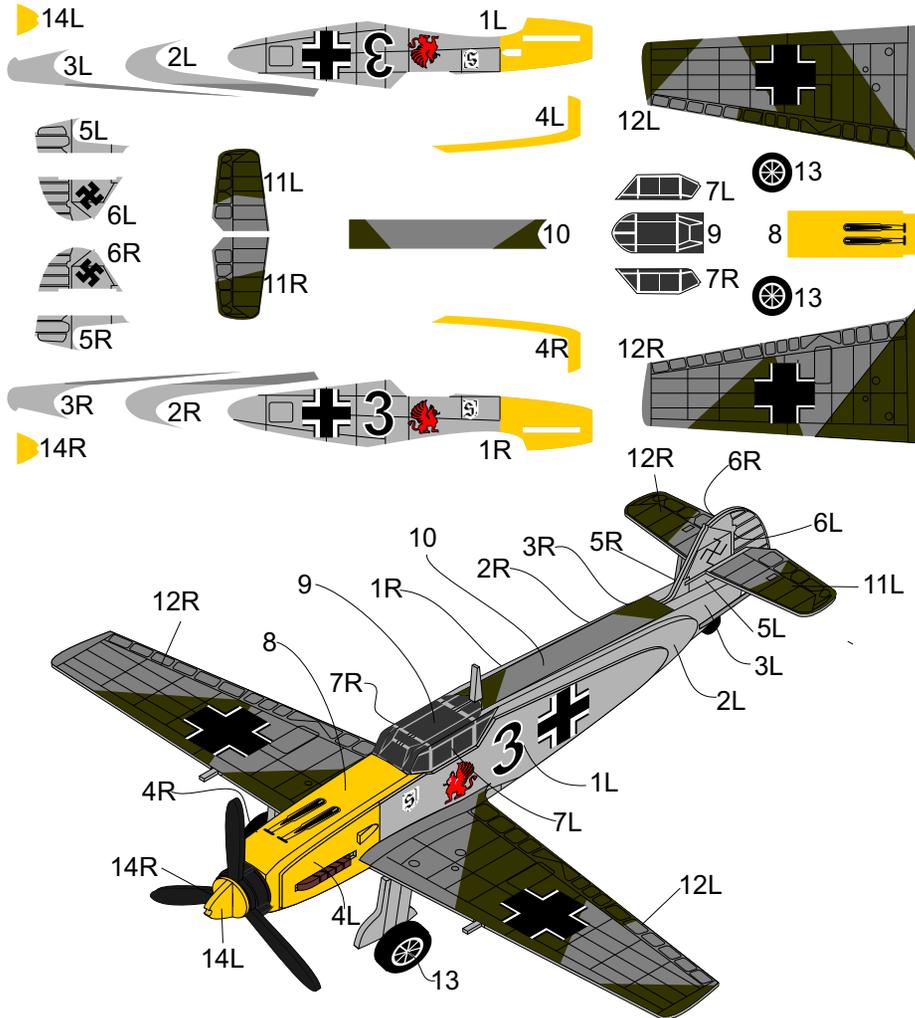
For small decals you may use a small utility knife to remove them from the backing and place in position.



Remove any vinyl that may be covering slots with a utility knife

Decals should be placed into position in numerical order. You will need to remove the main and tail wings, propeller assembly, exhaust landing gear and radiator intakes to apply some of the decals.

**Take your time.**



# Applying decals

## Tools needed to apply decals

- Scissors
- Utility knife

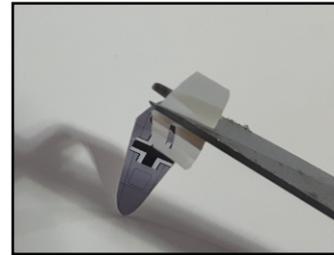
Make sure your hands are clean before applying decals. Avoid contact with the adhesive as this can cause the decal to lose some of its adhesion. Decals will adhere better to a smooth clean surface so we do recommend painting your model for best results.



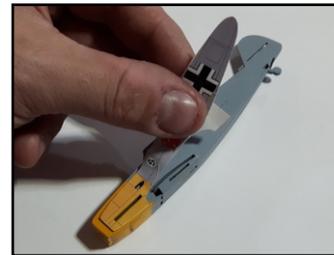
Cut out each decal as close to the edge as possible. Only cut out decals as needed.

### Note:

Paint entire aircraft gray before applying decals.



For the large decals, remove about a 1/4" of the backing and cut off with scissors.



Place the exposed section on the surface making sure that your decal is properly aligned on the part.



Slowly remove the backing making sure the decal is staying aligned on the surface.

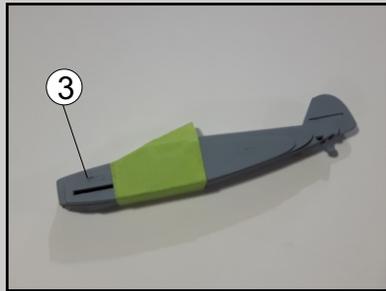
# Colour scheme of Jagdgeschwader 26 Battle of Britain period.

## Suggested colours by Tamiya Model Paints

- 1 Gray XF20**  
All upper and lower surfaces  
Radio antenna
- 2 Black XF1**  
Wheels  
Tail wheel  
Propeller blades and hub
- 3 Yellow X8**  
Front of fuselage
- 4 Brown XF10**  
Exhaust

### Note:

Model should be painted gray  
before adding decals.



Paint front portion of fuselage Yellow

