

FOCKE-WULF Fw190A



HASEGAWA

1/72 Scale Series Kit No. JS-106 German Airforce Fighter



HISTORY

The Fw190A series was the typical air-cooled engine fighter for the German Airforce during World War II. The prototype Fw190V-1 was flown for the first time on June 1, 1939 and from May 1941 the Fw190A-2 serviced with the front line units. The models were classified from A-0 to A-10, and among them the A-5 was considered the main fighter which emerged in 1943. In the air battle against the Allied fighters the A-5 recorded a brilliant war results and she was active in the interception of enemy bombers for the air defense, ground attack bombing and assisting the ground units. The converted models were A-5/U2 night fighterbomber, A-5/U3 ground support fighter, A-5/U4 reconnaissance fighter, A-5/U8, U13 long range fighter bomber, A-5/U9, U10, U11,

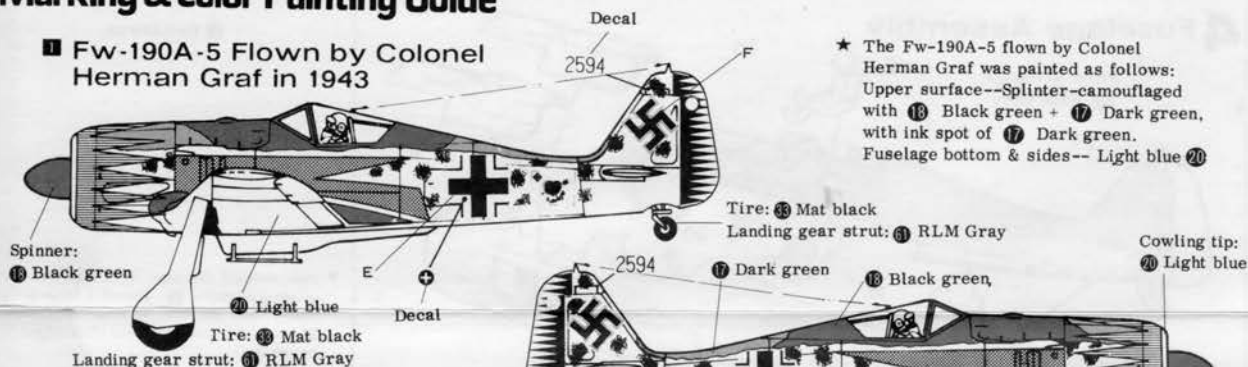
U12 fighter bombers, A-5/U14, U15 torpedo fighters, A-5/U16, R6 fighter bomber, A-5/U17 ground support fighter, A-5/R1 command fighter and A-5/Trop. Tropical area fighter. In 1943, one Fw190A-5 was imported by the Japanese Army for the purpose of study and test. The result showed the superiority in performance, especially the acceleration, climb and diving performance were outstanding.

DATA

Crew: 1 / Power plant: BMW-801D2 14-cylinder radial air-cooled engine, rated at 1,770 Hp. / Span: 10.383 m / Length: 8.95 m / Wing area: 18.3 m² / Weight: 3,855 kg. / Performance: Max. speed 656 km/hr., Climb rate 6,000 m in 4 min. 30 sec., Service ceiling 10,500 m, Max. range 900 km (with 300 litre drop tank x 1)

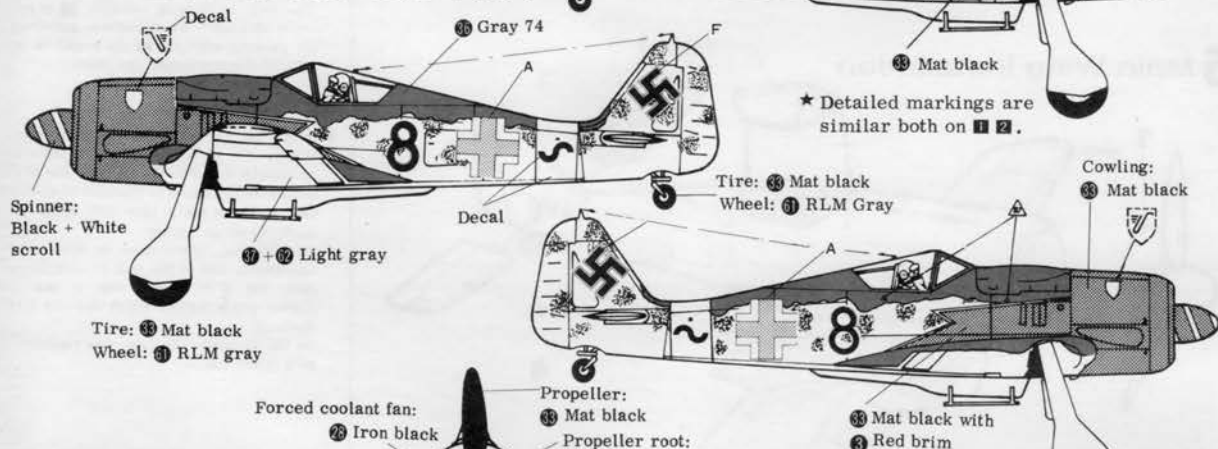
Marking & Color Painting Guide

1 Fw-190A-5 Flown by Colonel Herman Graf in 1943



★ The Fw-190A-5 flown by Colonel Herman Graf was painted as follows:
Upper surface--Splinter-camouflaged with 16 Black green + 17 Dark green, with ink spot of 17 Dark green.
Fuselage bottom & sides-- Light blue 20

2 Fw-190A-7 / R3 JG3 "Udet", 1944



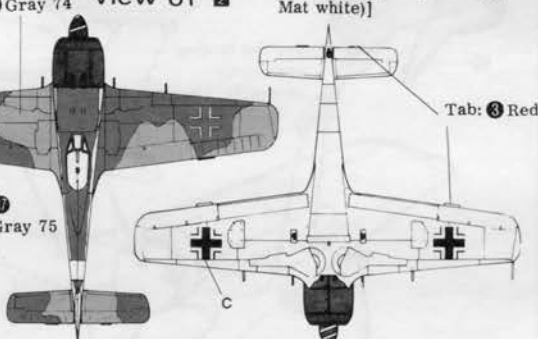
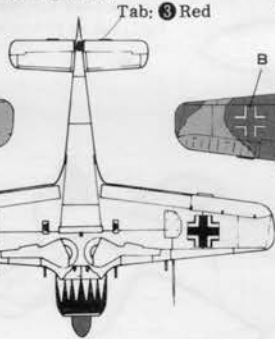
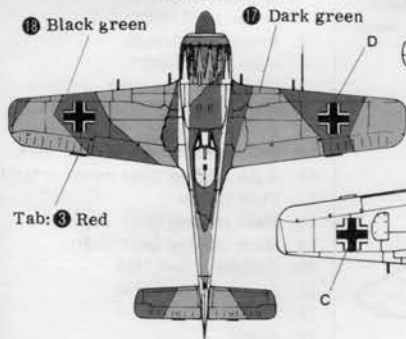
★ Detailed markings are similar both on 1 2.



★ JG3 was painted as follows:
Upper surface-- Splinter-camouflaged in 36 Gray 74 + 37 Gray 75, with ink spot of 37 Gray 75. (The border lines were shaded off.)
Fuselage bottom & sides-- Gray 76 [37 Gray 75 + 38 Mat white]

Top & Bottom View of 1

Top & Bottom View of 2



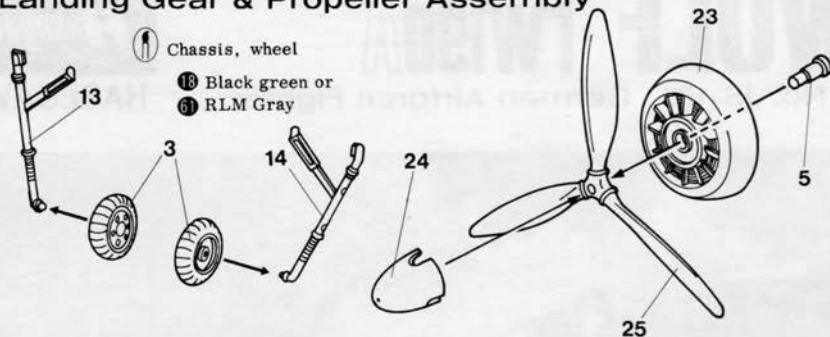
PAINTING ON Fw-190A

HOW TO APPLY DECALS

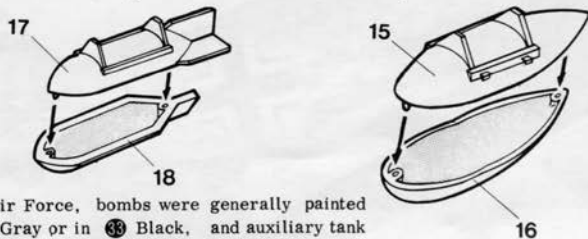
In general the wing top surface of the Focke-Wulf Fw-190A is splinter camouflaged with black green and dark green. The upper surface of the fuselage is painted in the same manner. The sides on the fuselage are ink spotted in dark green or RLM gray. The wing bottom and fuselage is painted in light blue. The cockpit interior, landing wheel well are painted in RLM gray with green tint.

1. Cut out the decals and remove the film covering.
2. Put them in the water for twenty seconds.
3. Slide off the decals from the paper and apply them at place.
4. Press the transferred decals with a soft cloth and remove the moisture.

1 Landing Gear & Propeller Assembly

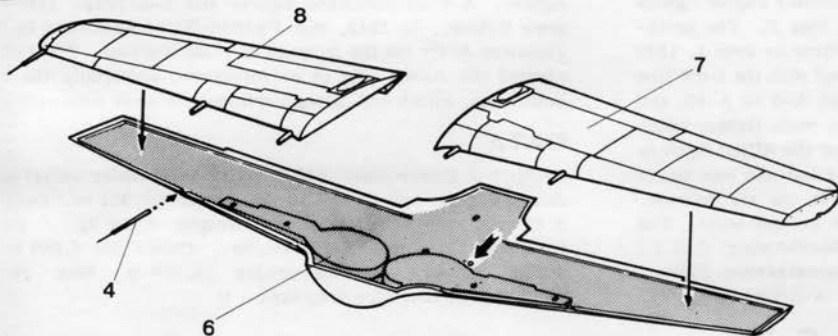


2 Bomb & Auxiliary Tank Assembly



① In German Air Force, bombs were generally painted in ② RLM Gray or in ③ Black, and auxiliary tank in ④, the color used for painting the fuselage underside of German Airplane.

3 Main Wing Assembly



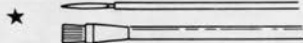
4 Fuselage Assembly



★ Before Assembling

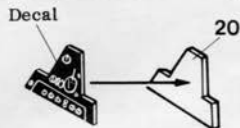
- First read all the instructions and follow them when assembling.
- Cut off the parts from the stem with a nipper or a cutter.

Note: After the parts are taken out, cut the bag in pieces to prevent infants from covering their heads.



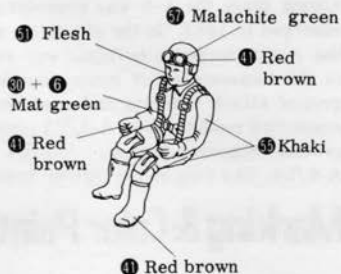
★ To make your model more attractive, paint each part. The model colors are numbered from ① - ②. Use a wide brush to paint wide area and a pointed one for tiny parts.

★ Reference Drawing for 1 Pilot Seat Assembly

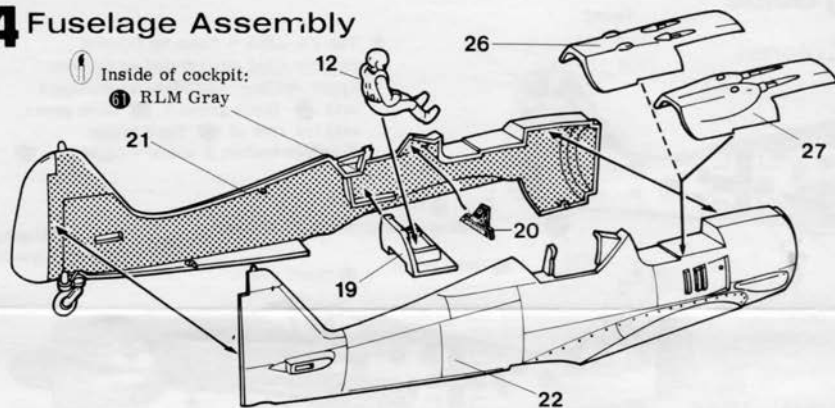


After painting the instrument panel in ⑥ RLM Gray, apply the decals.

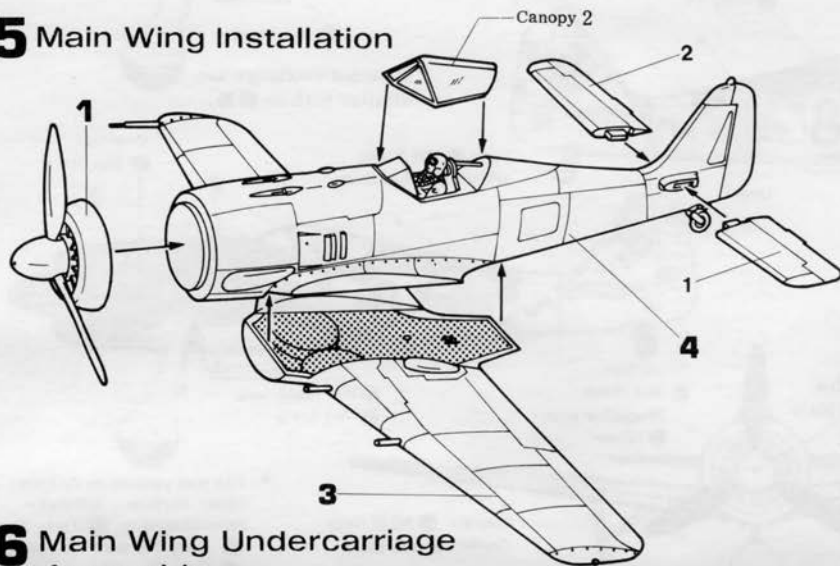
★ Reference Drawing for Pilot Painting



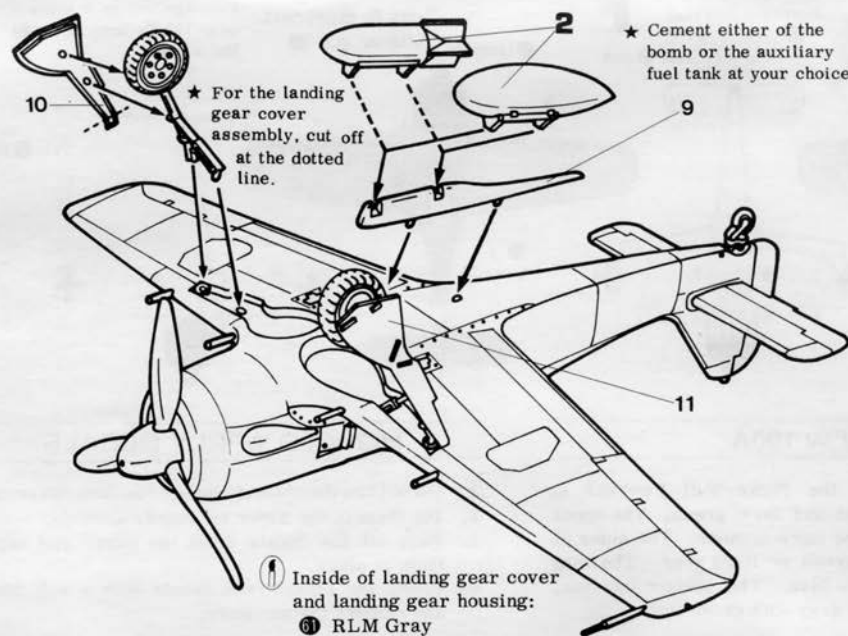
4 Fuselage Assembly



5 Main Wing Installation



6 Main Wing Undercarriage Assembly



① Red brown

★ For Colonel Herman Graf fighter, on painting example 1, install 4 large pitot tubes. For the JG3, on painting example 2, no additional pitot tube installation is required.

★ Two types of machine gun covers
The A-5, on painting example 1 is provided with (26) 7.6 mm machine gun cover. On painting example 2 the model is A-7 with 13.0 mm machine gun cover.

★ In this kit, there are two type of canopies. Canopy 2 is of hood type and is installed on Models A and G; Canopy 1 on Model F. In this model kit, it is possible to convert the model to the F type with some remodeling on the canopy. The detailed information on Model F is unavailable due to the lack of records and data, but it is certain that it was the ground attack fighter which derived from Model G. On the painting, use your own expression as a model mania.

Parts No. & Name

1. Horizontal tail (left)
2. Horizontal tail (right)
3. Main landing wheel (2 pcs.)
4. Large pitot tube
5. Propeller stopper
6. Main wing bottom
7. Main wing top (left)
8. Main wing top (right)
9. Pylon
10. Main landing gear cover (left)
11. Main landing gear cover (right)
12. Pilot figure
13. Main landing gear (right)
14. Main landing gear (left)
15. Auxiliary fuel tank
16. Auxiliary fuel tank
17. Bomb
18. Bomb
19. Seat
20. Instrument panel
21. Fuselage (left)
22. Fuselage (right)
23. Cowling
24. Spinner
25. Propeller
26. Machine gun cover (7.9 mm)
27. Machine gun cover (13 mm)
- Canopy 1
- Canopy 2