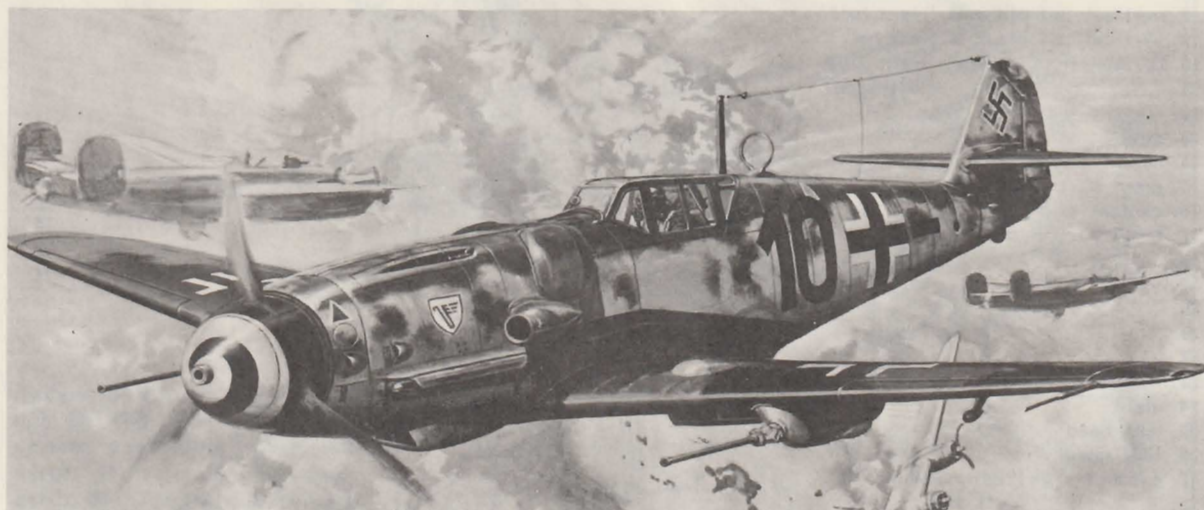




# Messerschmitt Me109G-K

1:48 PRECISE SCALE

FAMOUS FIGHTER SERIES OF THE WORLD WAR II



Just as the Zero fighter plane is representative of Japanese planes during World War II, the Messerschmitt Me109 was the primary representative for Germany. As the mainstay combat plane of the German Air Force, the Me109 rendered distinguished service on each fighting front.

Various models, ranging from the V-1 to K-model were test-manufactured or massproduced and the number produced reached as high as 30,500 or approximately 60% of the total number of single-seated fighters Germany produced during World War II. By comparison, the most aircraft of any one make built by the United States was the CURTISS P-40 of which some 14,000 were manufactured.

The E model was the first to be mass produced. Further developments produced the F and G models. The G-model, given the nickname "Gustav" includes series numbers G-0 to G-16.

The production of the Me109G began in early 1942 with the Me109G-0 which was powered by the 1,475 H.P. Daimler-Benz DB605A engine and equipped with a pressurized cockpit which was especially suited for high altitude action. The Me109G-1 Trop was especially built for desert operations. Some G-5 airplanes were equipped with a wooden tail assembly in a metal conservation effort. The G-6 mounted a 30mm MK108 cannon firing through the propeller, two 13mm MG machine guns above the engine and two 20mm MG151 cannon mounted in pods under each wing.

Powered by the DB-605D engine the Me109G-10 was the fastest of the "Gustavs" with a maximum speed of 428 mph at 24,000 feet. The G-16 was the last of the "Gustavs" but never went into combat.

The suffix letter "I" was not allocated and "J" was applied to the version to be manufactured under license in Spain by Hispano Aviacion.

The final German production model was the Me109K, which was essentially similar to the Me109G but incorporated minor structural differences.

Today, there are just six original Me109G's left. Two in the United States, and one held by the R.A.F. in England. Finland, Australia, and South Africa each have one.

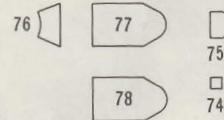
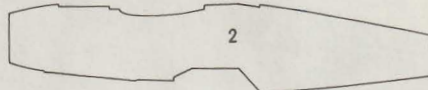
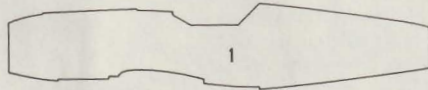


**FUJIMI MOKEI CO., LTD.**

# LIST OF PARTS

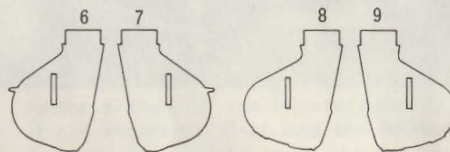
# DRAWING OF PARTS

1. fuselage half (left half)
2. fuselage half (right half)
3. upper side of main wing (right side)
4. upper side of main wing (left side)
5. under side of main wing
6. vertical tail plane A (right half)
7. " (left half)
8. vertical tail plane B (right half)
9. vertical tail plane B (left half)
10. horizontal tail plane (right side)
11. " (left side)

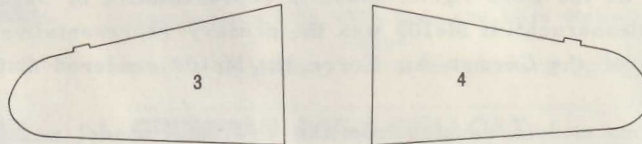


12. cockpit floor
13. seat
14. motor cannon cover
15. small part of cockpit side
16. control stick
17. small part of cockpit side
18. "
19. "
20. "
21. "
22. "

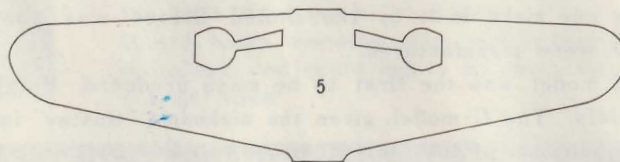
23. instrument panel
24. sight
25. bulk head
26. foot pedal
27. exhaust pipe (right side)
28. " (left side)



29. radiator part
30. oil cooler cover
31. oil cooler part
32. main landing gear strut (right side)
33. " (left side)
34. main landing gear cover (right side)
35. " (left side)

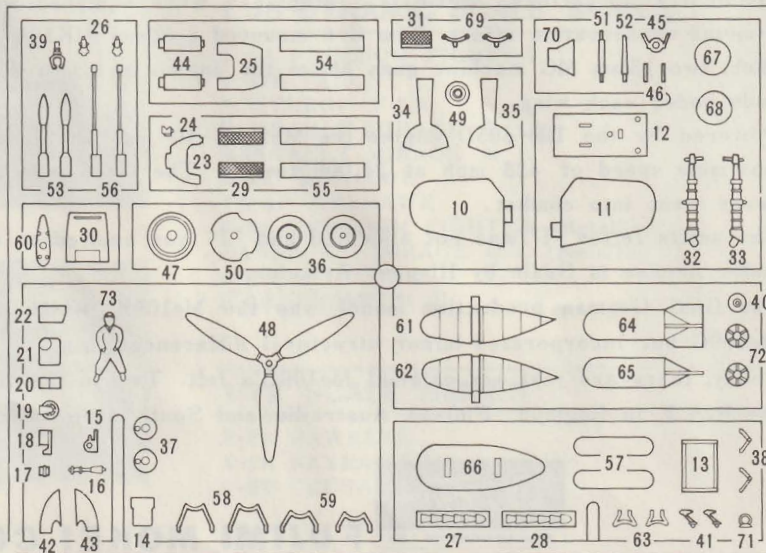


36. main wheel
37. main wheel hub (A)
38. torque link
39. tail landing gear strut
40. tail wheel
41. mass balance
42. air intake (under half)
43. " (upper half)



44. sand filter
45. sand filter cap
46. 13mm machine gun (fuselage head)
47. spinner backing plate
48. propeller
49. propeller shaft
50. spinner
51. pitot tube
52. radio mast
53. rocket

54. rocket tube (under half)
55. " (upper half)
56. 20mm cannon
57. gun pack
58. rack for rocket tube (front)
59. " (rear)



60. rack part for drop tank
61. 250 lbs. drop tank (left half)
62. " (right half)
63. rack part for drop tank
64. 1100 lbs. bomb (left half)
65. " (right half)
66. rack for bomb
67. 13mm machine gun cover (left)
68. " (right)

69. rack for bomb
70. bulletproof plate
71. ring antenna
72. main wheel hub (B)
73. pilot
74. aim glass
75. bulletproof glass
76. windshield (front side)
77. " (rear side)
78. galland hood

## 1. COCKPIT ASSEMBLY

Cement parts 20, 21, 22 and 15, 17, 19 to both cockpit walls respectively. Cement parts 24 and 74 together, then cement to 23.

Cement, in order, parts 13, 16, 14, 26, 25 to cockpit floor 12. The pilot is then cemented to the seat.

BEFORE YOU PROCEED FURTHER, YOU SHOULD CHOOSE WHICH ONE OF THE VARIOUS VERSIONS THAT YOU WISH TO MAKE, AS SHOWN ON THE INSTRUCTION SHEET.

## 2. WINDSHIELD ASSEMBLY

Cement bulletproof plate 70 to windshield 77. If galland hood 78 is used, the bulletproof glass 75 is cemented to it.

Choice of two enclosed.

## 3. VERTICAL TAIL PLANE ASSEMBLY

Cement vertical tail plane halves 6 and 7 together. If wooden vertical tail plane is adopted, type "B" is used. Choice of two enclosed.

## 4. AIR INTAKE ASSEMBLY

Cement air intake (top and bottom) halves together. If tropical type is made, the tropical filter is fixed to air intake as shown in reference picture B.

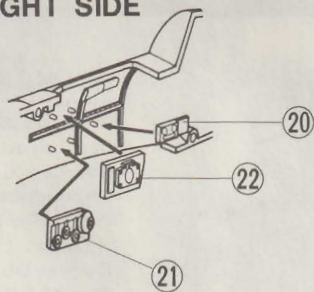
Choice of two enclosed.

## 5. IMPORTANT

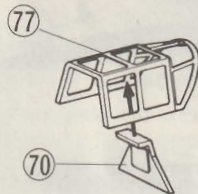
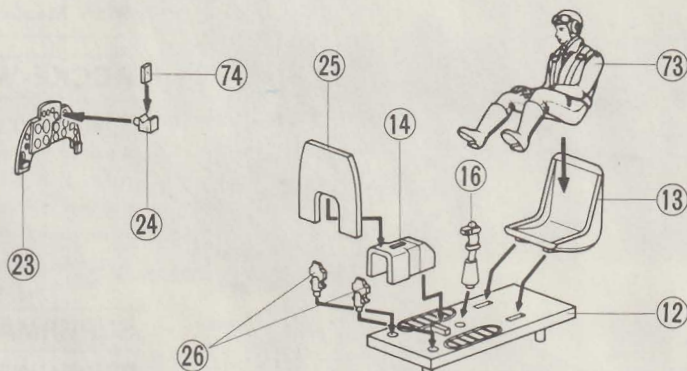
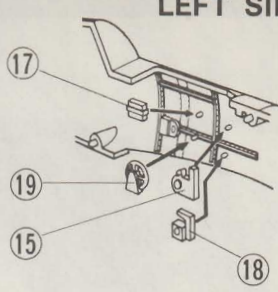
Decision must now be made as to type of armament desired in Step #8 and correct holes in lower wing must be punched out with pin or needle at this time.

DROP TANK or 1100  
lbs BOMB .....A  
ROCKET .....B  
20mm MACHINE GUN .....C

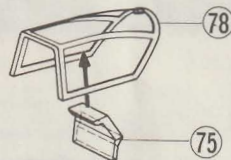
### RIGHT SIDE



### LEFT SIDE

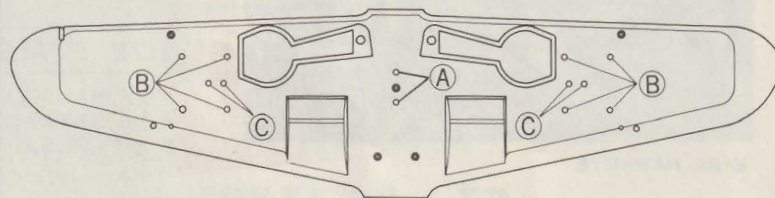
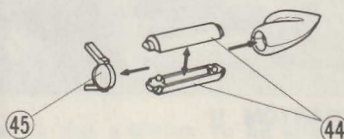
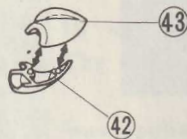
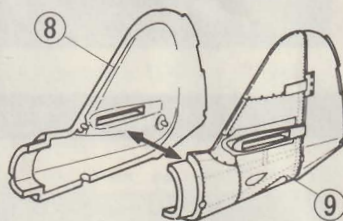
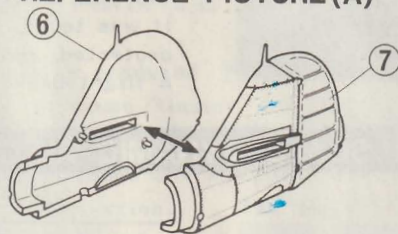


Does not show placement under canopy.



### REFERENCE PICTURE (A)

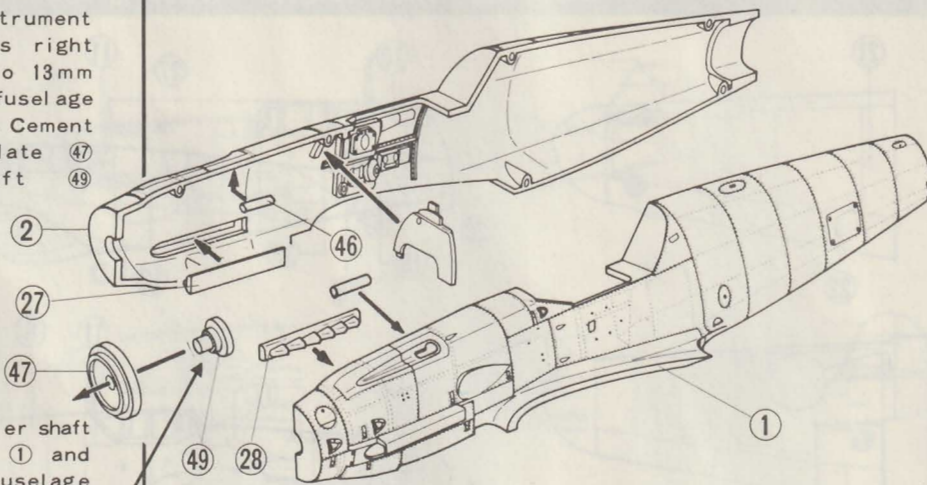
### REFERENCE PICTURE (B)



## 6. FUSELAGE ASSEMBLY

Fix assembled instrument panel, exhaust pipes right ②⑦, left ②⑧ and two 13mm machine guns to fuselage halves respectively. Cement spinner backing plate ④⑦ and propeller shaft ④⑨ together.

Sandwich the propeller shaft with fuselage halves ① and ②, then cement fuselage halves ① and ② together. (Cement is applied only where indicated and movable parts must not be cemented.)



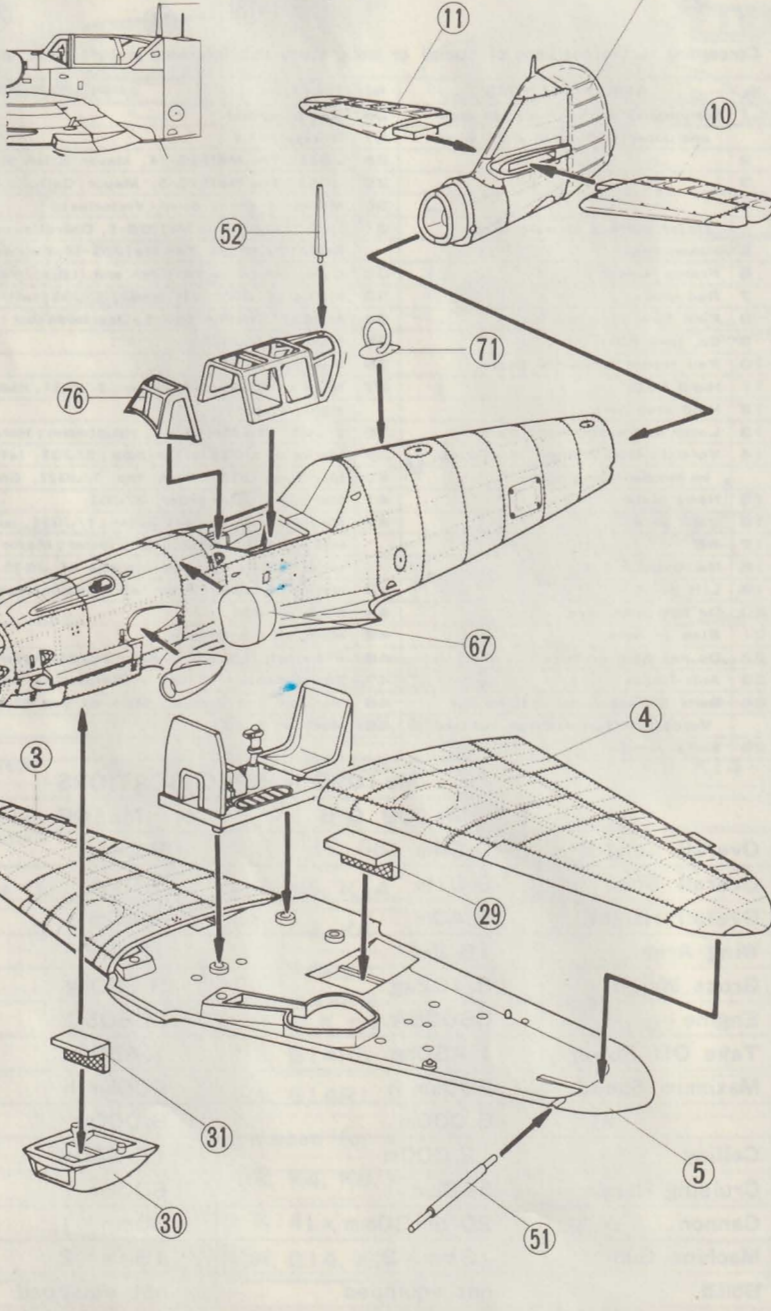
## 7. WINGS AND BODY ASSEMBLY

Cement each parts of fuselage at the points designated by arrows in the illustration.

**NOTICE:** Machine gun cover and ring antenna are not cemented due to the choice of plane.

Cement radiator part ②⑨ on the wing bottom first, then cover and cement upper side of main wing on the wing bottom. Cement pin of assembled cockpit on the hole of

### REFERENCE PICTURE (C)



wing bottom as shown, then put fuselage and main wing together.

Cement horizontal tail planes right ⑩ and left ⑪ to fuselage.

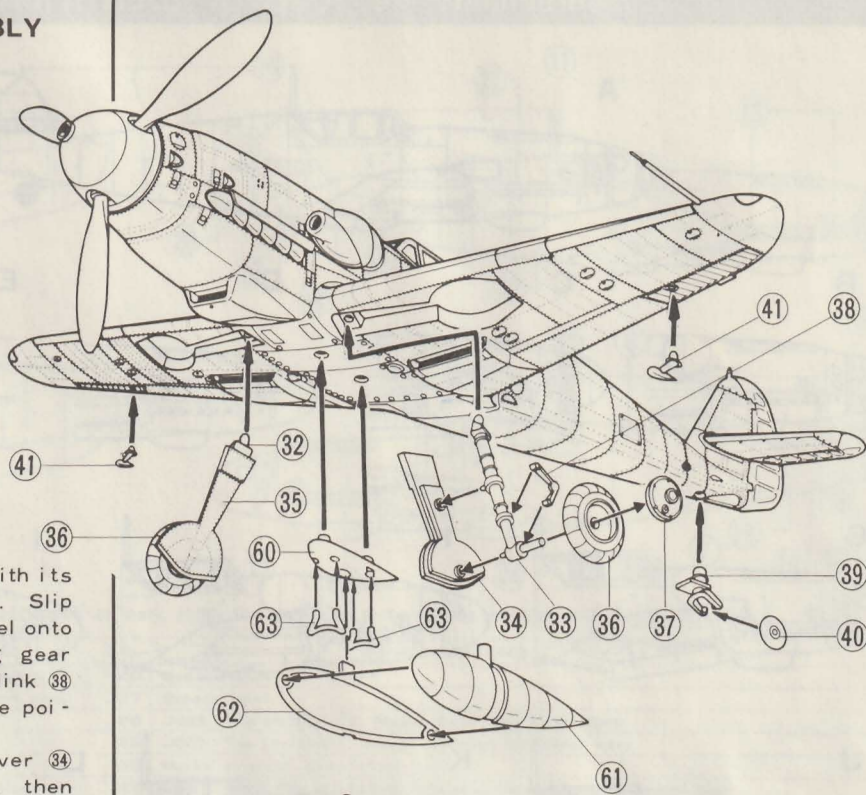
If wooden vertical tail plane is going to be used, use the "B" type.

Galland hood is used for "K" type or after "G-10" type.

(Reference picture C)

**LAST STEP:** Cement ③① oil Cooler, in front of bar on oil cooler cover ③②. Cement sub assembly in space in front of wing in bottom of fuselage.

# 8. LANDING GEAR STRUT ASSEMBLY



Assemble main wheel with its hub 37 and wheel 36. Slip cement assembled wheel onto axle of main landing gear strut 32. The torque link 38 is also cemented to the points of main strut.

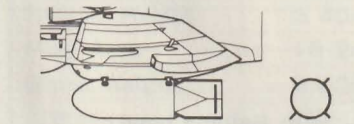
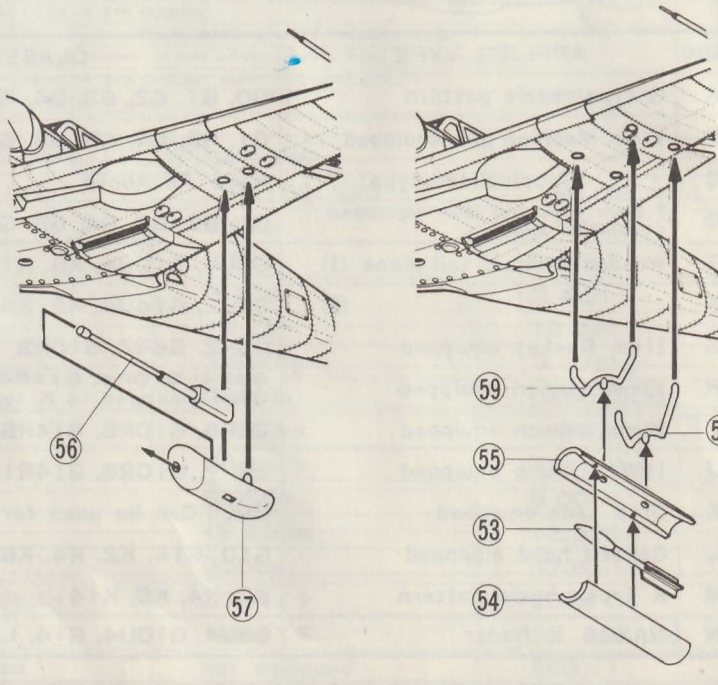
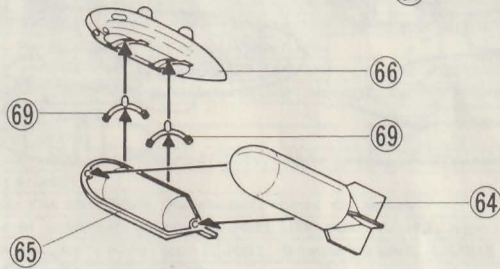
Cement main gear cover 34 to pins on strut 33, then insert and cement strut into the hole within the landing gear well of left wing.

Repeat this step for the right side main landing gear strut assembly using parts 32, 35, 36, 37 and 38.

Just push tail wheel between pins of tail landing gear strut, then insert and cement strut top to the hole of fuselage as shown.

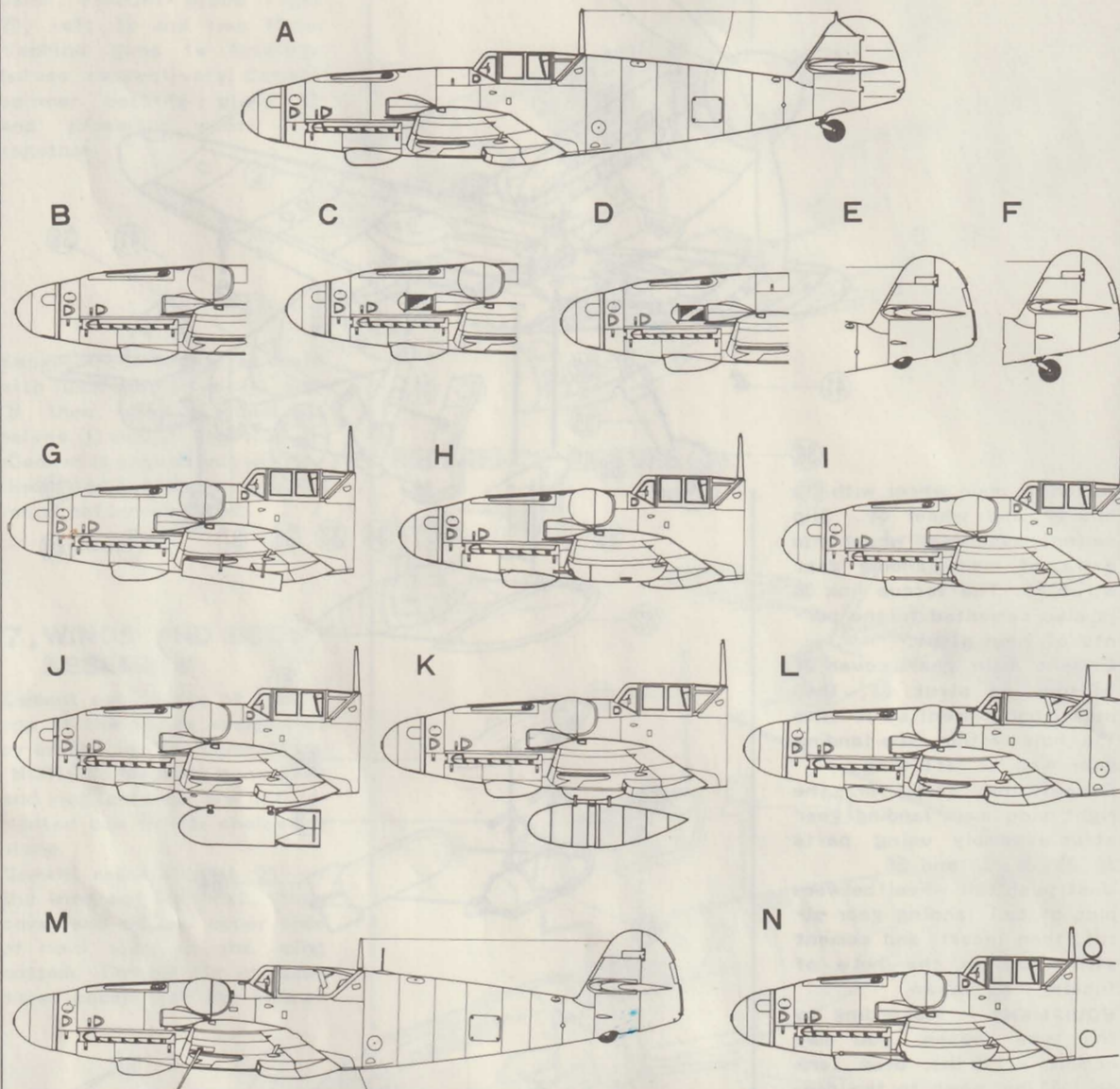
**EQUIPMENT :** According to the type chosen, you may cement a 250 lbs. drop tank or 1000 lbs. bomb to the center of the fuselage bottom.

Bomb is positioned with its fins inclined at an angle. (see below).



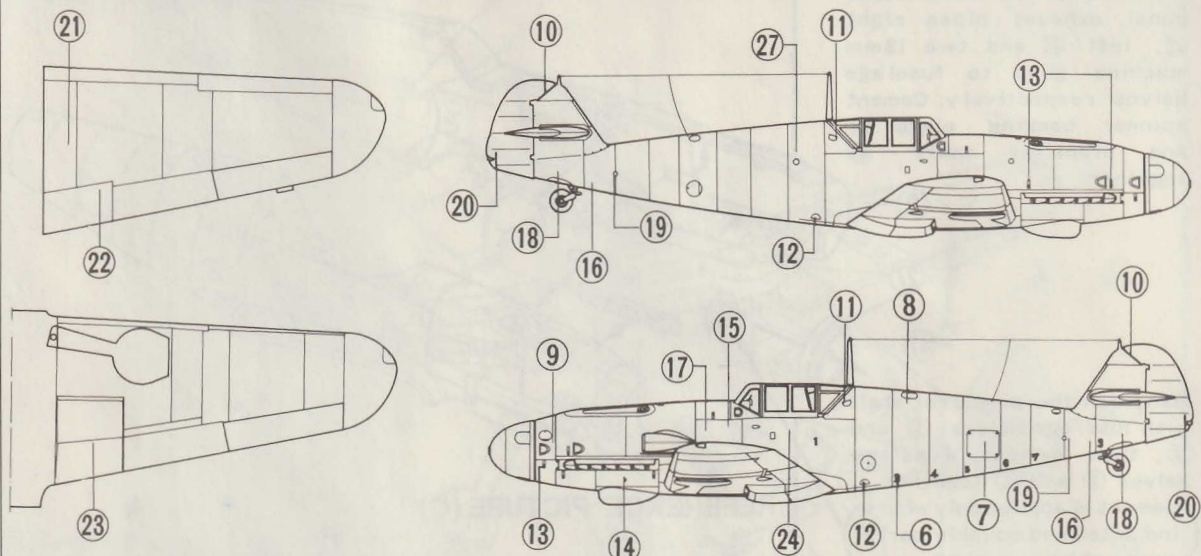
The positioning of 20mm cannon and rocket equipment.

# Messerschmitt Me 109G~K IDENTIFICATIONS



MARK	APPLIED TYPE	CLASSIFICATION
A	G type=basic pattern	G0, G1, G2, G3, G4, G5, G6
B	13mm Machine gun equipped	G1, G3, G4, G5, G6, G8, G10, G14, K2, K4, K6, K14
C	" (Tropicalized type)	Same As Above
D	7.9mm Machine Gun equipped (tropical type)	G1, G2, G3, G4, G5, G6
E	Wooden vertical tail plane (1)	G6U4, G10U4, K6, K14
F	" " (2)	G5U2, G14U4, K2, K4
G	21 cm Rocket equipped	G5R2, G6R2, G10R2
H	30 mm cannon equipped	G6R4, G10R4, G14R4, (Also equipped to K type but with Galland hood)
I	20mm cannon equipped	G6R6, G10R6, G14R6 ( " " )
J	1100 lbs.bomb equipped	G6R1, G10R6, G14R1, G16
K	Drop tank equipped	G-K (Can be used for all types)
L	Galland hood equipped	G10, G14, K2, K4, K6, K14, G16
M	K type=basic pattern	K2, K4, K6, K14
N	NAXOS Z Radar	G6U4, G10U4, G14, K2, K4, K6, K14

# DECALS AND THEIR POSITIONS



Concerning to the positions of stencil or mark, study this reference picture. (Nos. are Same with Decal sheet Nos.)

No.	APPLICATIONS	No.	APPLICATIONS
1	Nationality mark. Fuselage side and upper surface of main wing.	26	Serial number
2	" "	27	Grease point
3	" "	28	JG52: The Me109G-14, Mayor; Erich Hartmann' mark
4	" "	29	JG52: The Me109G-5, Mayor; Gerhard Barkhorn' mark
	Under surface of main wing.	30	Marks of shoot down (Victories).
5	Haken kreuz	31	Left: JG52: The Me109G-6, Oberstleutnant; Hans Waldmann' mark Right: 2/JG300: The Me109G-14, Feldwebel; Wolfgang Hundsdoerfer' mark
6	Frame number	32	Color vision for African and Italian front.
7	Red cross	33	Marks of JG5: left upper; 3/JG5, left under; 8/JG5, right; 8/JG5.
8	Fuel tank filler mark	34	4/JG27: The Me109G-5, Oberfeldwebel; Heinrich Bartels' mark. "Marga" + "red 13"
9	Oil tank filler mark	35	Mark of 7/JG27
10	Tail rudder incidence gauge	36	Mark of JG26
11	Hand plate	37	Mark of JG51: left under; 2/JG51, middle under; 2/JG51, middle upper 1/JG51, right; 4/JG51.
12	Hold step here	38	2/JG5: The Me109G-6, Hauptmann; Horst Carganico
13	Latch screw alignment mark	39	Marks of JG3: left middle; 2/JG3, left under; 3/JG3, right; 1/JG3.
14	Vorsicht beim offnen. Kuehler ist im Houbenfel eingebauf.	40	Marks of JG27: From top, 3/JG27, Gruppe-insignia, 2/JG27, 4/JG27.
15	Name plate	41	Marks of JG2: under; 3/JG2.
16	Jack here	42	Marks of JG52: left upper; 1/JG52, middle upper; 15/JG52, right upper; 3/JG52, left under; 7/JG52, right under; Mayor; Hermann Graf' mark, under middle; Gruppe-insignia of JG53.
17	WE	43	Marks of JG54: From left, Gruppe-insignia, 2/JG54, Gruppe-insignia, 9/JG54.
18	Reifendruck 4.5	44	Mark of JG1.
19	Lift point	45	Mark of 4th Gruppe.
20	Do not push here	46	From left: JG300, JG77, 3/JG77, 1/JG77 KLG.
21	Step on here	47	Serial number (Front of Nationality mark of fuselageside)
22	Do not step on here	48	Mark of 2nd Gruppe. Mark of 3rd Gruppe.
23	Anti-freeze	49	Mark of 3/JG11.
24	Beim Schliessen der Kabine auf Vorderteil Gummiraahmen achten.		
25	Serial number		

## Me 109G-K SPECIFICATIONS

	Me 109 G-6	Me 109 G10	Me 109 K-4
Overall Length	9.04m	9.04m	8.94m
Overall Span	9.91m	9.91m	9.96m
Overall Height	3.40m	3.40m	3.40m
Wing Area	16.2m <sup>2</sup>	16.2m <sup>2</sup>	16.2m <sup>2</sup>
Gross Weight	3,402kg	3,680kg	3,392kg
Engine	DB605A	DB605D	DB605DCM
Take Off Power	1,450hp	1,450hp	1,450hp
Maximum Speed	600km/h	600km/h	726km/h
at	6,000m	6,000m	6,000m
Ceiling	12,000m	12,600m	12,500m
Cruising Range	560km	600km	573km
Cannon	20 or 30mm x 1	30mm x 1	30mm x 1
Machine Gun	13mm x 2	13mm x 2	not equipped
Bomb	not equipped	not equipped	250 x 1

## 1:48 SCALE FAMOUS FIGHTER SERIES OF THE WORLD WAR II



### FOCKE-WULF Fw190A

This was one of the great single seater fighters produced throughout World War II for the German Luftwaffe.

Throughout the war various modifications from Fw190D to Ta152 were made of this fighter.

Convertible kits : 10 kinds

Plenty of decals and color painting guide.

With Mabuchi Mini-Baby motor.



### FOCKE-WULF Fw190 D-9 "Dora"

The emergence of this "Long-nose" Fw190D was a shock to the Allies and it was certainly one of the finest fighters produced by either side during World War II.

Plenty of decals and color painting guide.

With Mabuchi Mini-Baby motor.



### SUPERMARINE SPITFIRE MK.V

PRE-EMINENT among fighters, the Spitfire ranks alongside the Messerschmitt Me109, the North American P-51, and the Mitsubishi Zero-Sen as the weapon upon which the defence of their respective nations' forces rested beyond that of any other.

Convertible kits: With Mabuchi Mini-Baby motor.

Plenty of decals and color painting guide.

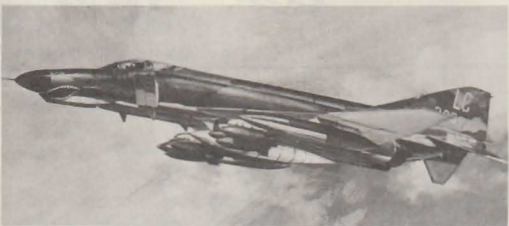


### GRUMMAN F6F-5 HELLCAT

As the mainstay of the carrier-based fighter units of the U.S. Navy, the Grumman F6F was the most efficient naval fighter.

It was tough, maneuverable, well armed, well protected, and could easily be operated from a flight deck.

## 1:48 & 1:72 SCALE DYNAMIC AIRCRAFTS SERIES



F-4E PHANTOM II



E-2A HAWKEYE

### 1:48 DYNAMIC SCALE SERIES

F-5A FREEDOM FIGHTER

T-38A TALON

NORTHROP F-5B

DASSAULT MIRAGE III C

DASSAULT MIRAGE III R

A-4E SKYHAWK

TA-4F SKYHAWK

F-5A FREEDOM FIGHTER (Metallic)

DASSAULT MIRAGE III C (Metallic)

A-6A INTRUDER

F-4E PHANTOM II

### 1:72 SCALE SERIES

E-2A HAWKEYE

A-1H SKYRAIDER

F-8D CRUSADER



# Messerschmitt Me109G-K Color Guide

## Pilot

whole body ..... grey  
gloves & helmet ..... dark brown  
boots ..... black

fire jacket ..... yellow

inside cockpit ..... black

cockpit floor ..... silver

dashboard ..... grey

seat ..... grey

Instrument Panels ..... grey

side wall ..... grey

control stick, foot pedal & ..... silver

canopy handle ..... black

instruments ..... black

bulk-head, motor cannon ..... grey

cover ..... black

Propeller ..... black

blade ..... silver

blade joint part ..... black

Radiator ..... black

Machine gun, rocket ..... silver

Pilot tube ..... black

Landing gear strut ..... silver

tire ..... black

wheel-hub ..... grey

gear strut, oleo part ..... silver

reverse side of gear cover ..... grey

rear wheel-hub ..... silver

rear wheel gear strut ..... silver

bomb ..... black

Exhaust pipe ..... rust-colored iron

Elevator turning tab ..... red

Fuselage & wings ..... light blue

under surface of fuselage ..... light blue

& wings ..... light blue

upper surface of fuselage ..... light blue

& wings ..... light blue

..... First paint these places by grey, dark-

green, sand or white.

On these basic tones, dark-green or black-

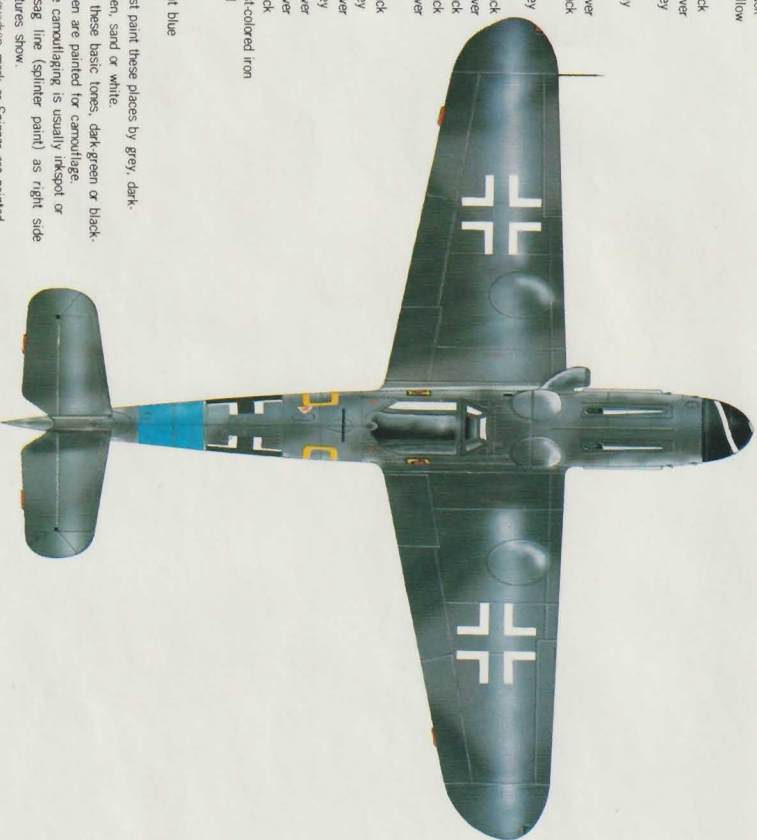
green are painted for camouflage.

The camouflage is usually ink-spot or

zigzag line (sablinter paint) as right side

pictures show.

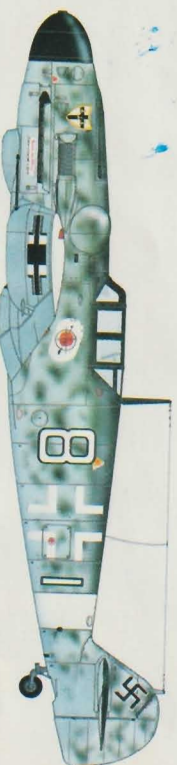
The paintings for the Nationality mark, Squadron mark or Spinner are painted according to planes.



Me 109G - 2 / Trop I / J G 77 Summer 1942.



Me 109G - 5 Gruppen Kommandeur J G 52. Hptm G Barkhorn.



Me 109G - 6 / Trop 7th / J G 27. December 1943.



Me 109G - 6 III / J G 77 Leningrad September 1942.



Me 109K - 2 II / J G 27 May 1945.