

KAWASAKI Ki-61

TONY



HASEGAWA

1/72 Scale Series Kit No. JS-091

Japanese Army Type 3 Fighter, Hien (Tony) I Kai c



HISTORY

In February of 1940, the Japanese Army had placed the order to Kawasaki Aircraft Engineering Co., Ltd. on Ki-60 and Ki-61 experimental models---air defense fighter which can be a match for new and powerful war planes of other countries. The initial design for the Ki-60, heavy interceptor fighter, with a wing area of 16.2 m², and the Ki-61, a lighter all-purpose aircraft, with a wing area of 20 m², were carried out and in March of 1943, Ki-61 was officially accepted and designated Army Type 3 Fighter "Hien". The engine was the first Japanese built Daimler Benz DB 601A, designated Ha-40 by the Japanese Army. The production models were equipped with two fuselage-mounted 12.7 mm machine guns and two wing-mounted 7.7 mm machine guns called Ki-61a. Then the armament on the wing was changed to two 12.7 mm machine guns. This model, called Ki-61-Ib, was produced until April of 1944. Subsequently the imported German 20 mm Mauser cannons were installed on Ki-

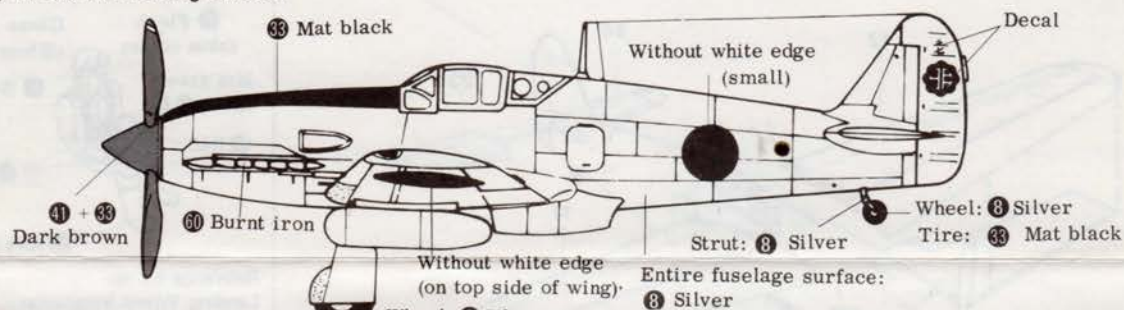
Photo offered by AIR VIEW

61-Ia and Ki-61-Ib, totalling of 388 planes. The new model, Ki-61-I KAIc, was characterized by a longer fuselage, two fuselage-mounted 20 mm Ho-5 cannons and two wing-mounted 12.7 mm machine guns. On new version of Ki-61-II KAI, the nose was extended and the powerplant was converted into Ha-140 engine. Among the Japanese fighters, Hien was the only war-plane that had liquid-cooled-engine. Hien saw action in New Guinea, the Philippines war fronts and was assigned to the 24th Fighter Squadron, which played an active part in intercepting the B-29 during the daylight.

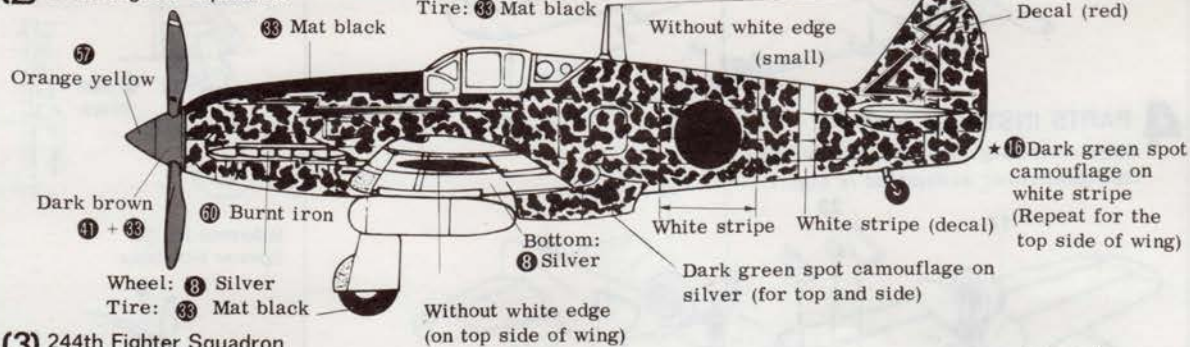
Overall width: 12.0 m / Overall length: 8.94 m / Overall height: 3.70 m / Weight: 3,479 kg (normally loaded) / Engine: Ha-40 (liquid-cooled) / Max. speed: 560 km/h / Armament: 20 mm cannon x 2, 12.7 mm machine gun x 2 / Bomb: 100 - 250 kg x 2 / Crew: 1 / Production amount: Totally 2,734

Marking & Color Painting Guide

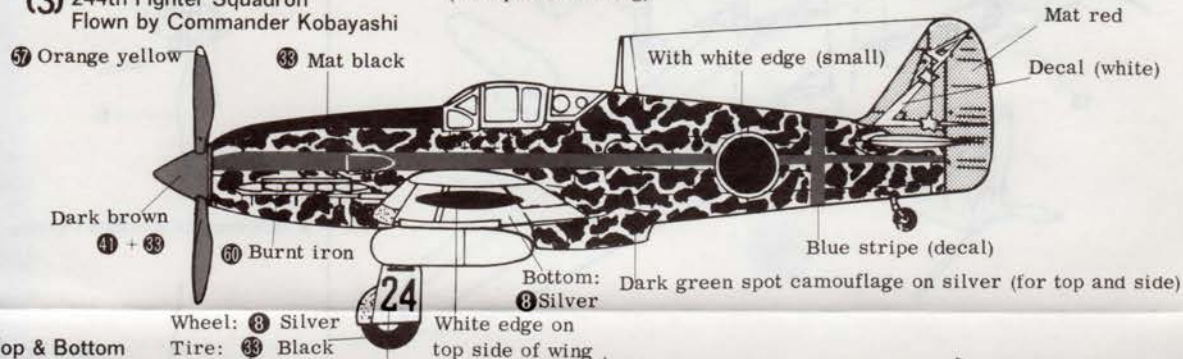
(1) Akeno Air Training Division



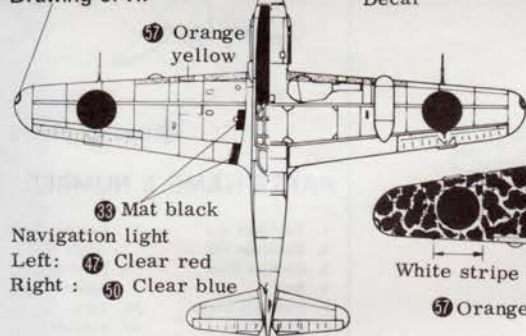
(2) 244th Fighter Squadron



(3) 244th Fighter Squadron Flown by Commander Kobayashi

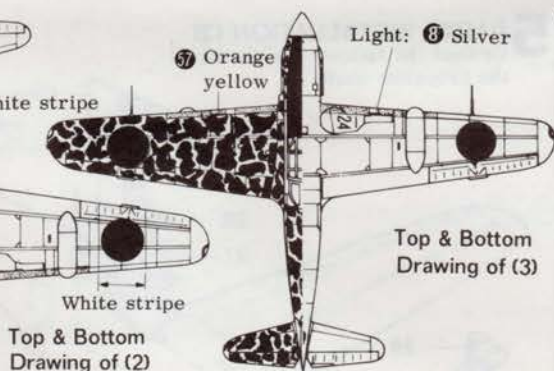


Top & Bottom Drawing of (1)



PAINTING

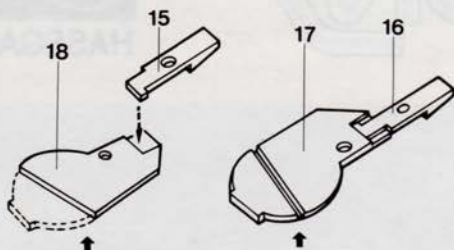
Hien (Tony) was painted in Army dark green spot camouflage on the unpainted silver surface. The camouflage was not in a fixed pattern. Some were painted in dark green on the top, and for anti-glare purpose the nose painted in black. The inside of the wheel cover, carriage well and the interior of cockpit were painted in malachite green. There were planes with the aileron painted in light gray. Paint the small parts, exhaust pipe, tire, spinner main wheel cover before installation.



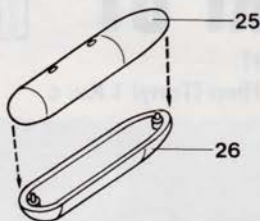
APPLYING DECALS

1. Place in water and remove it immediately.
2. With the decal facing up, slide it off.
3. After placing the decal on the model use a soft cloth to remove the bubbles.
4. Do not touch the decal surface until it is well dried.

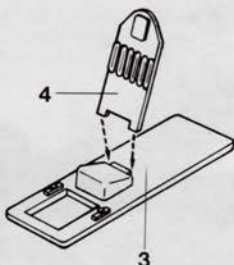
1 PARTS ASSEMBLY



Cut off the section indicated by the arrow.

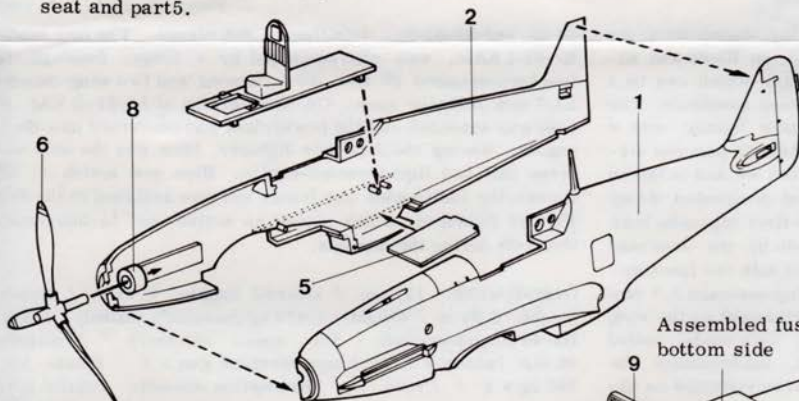


Make 2 sets.



2 FUSELAGE ASSEMBLY

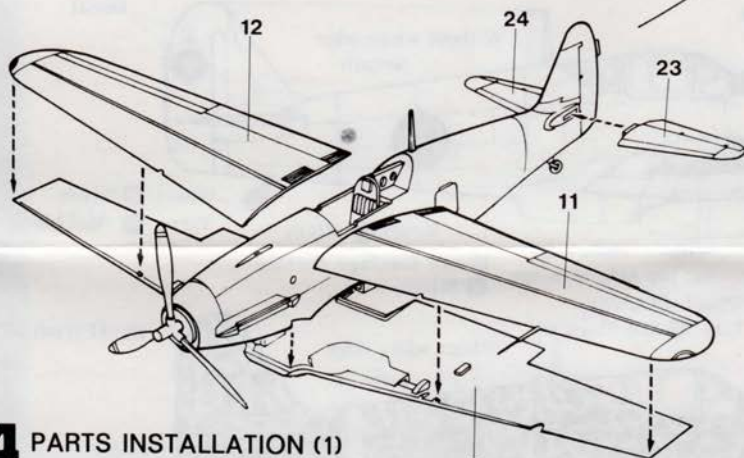
Before cementing the left and right fuselages together, install and cement the propeller, pilot seat and part 5.



Assembled fuselage bottom side

3 WING INSTALLATION

Be careful with the right and the left of parts 23, 24 when cementing.



4 PARTS INSTALLATION (1)

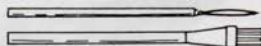
After cementing the wheel 19, cement the wheel cover assembled in Fig. 1. 14 19 18

BEFORE ASSEMBLING

- Read these instructions carefully before assembling your model and check the exact fit on the parts.
- Do not tear off parts from the stem, but cut them off with a knife clipper.

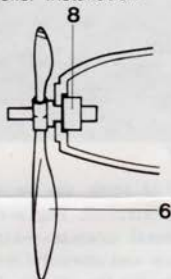
MODEL COLORS

To beautify your model paint each part. The model colors are numbered from ① - ⑥. Use wide brush to paint the wide area and the pointed one for tiny parts.

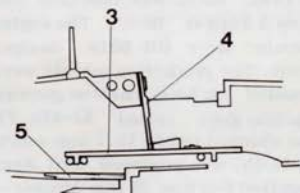


*After the parts are taken out, cut the bag in pieces to prevent the infant from covering it's head.

Reference for (2):
Propeller Installation



Reference for (2):
Pilot Seat Installation

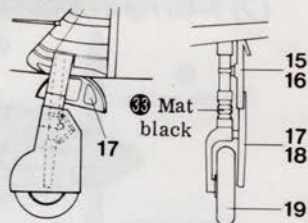


Paint the cockpit interior in ⑦ Malachite green.

★ Reference for Pilot Painting

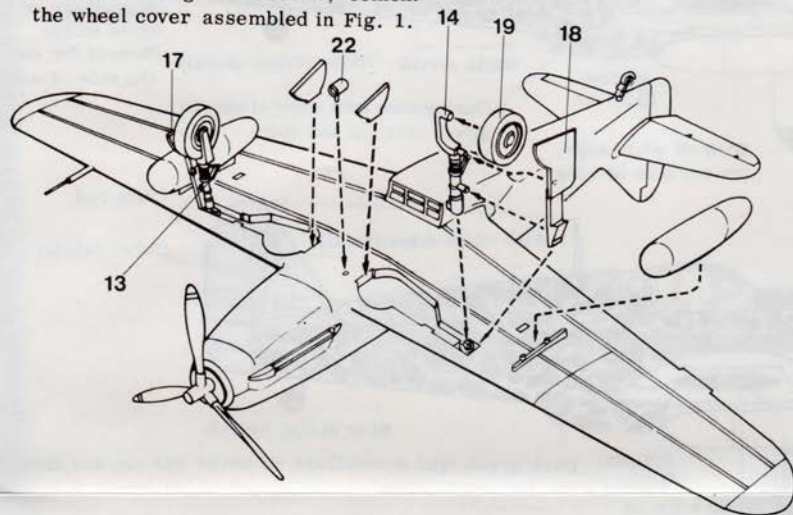


Reference for (4):
Landing Wheel Installation



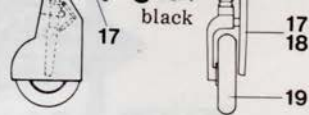
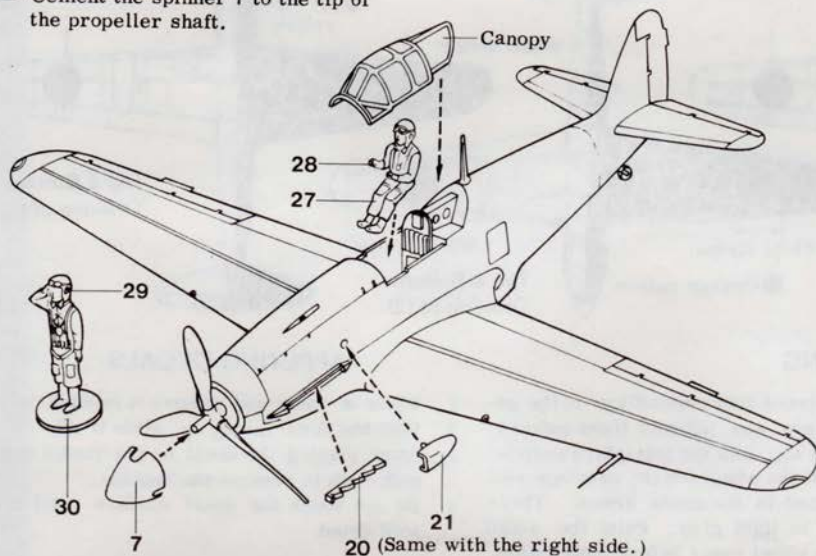
4 PARTS INSTALLATION (1)

After cementing the wheel 19, cement the wheel cover assembled in Fig. 1.

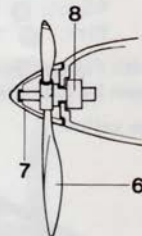


5 PARTS INSTALLATION (2)

Cement the spinner 7 to the tip of the propeller shaft.



Reference for (5):
Spinner Installation



★ Reference for Propeller Painting



PARTS NAME & NUMBER

- | | |
|------------------------------|------------------------------|
| 1. Fuselage (L) | 17. Landing gear cover B (L) |
| 2. Fuselage (R) | 18. Landing gear cover B (R) |
| 3. Cockpit floor | 19. Tire |
| 4. Seat | 20. Exhaust pipe |
| 5. Radiator parts | 21. Air intake |
| 6. Propeller | 22. Fuel radiator |
| 7. Spinner | 23. Tail wing (L) |
| 8. Propeller stopper | 24. Tail wing (R) |
| 9. Radiator | 25. Fuel tank (top) |
| 10. Main wing bottom | 26. Fuel tank (bottom) |
| 11. Main wing top (L) | 27. Pilot |
| 12. Main wing top (R) | 28. Pilot arm |
| 13. Landing gear (L) | 29. Pilot, Standing |
| 14. Landing gear (R) | 30. Plate |
| 15. Landing gear cover A (R) | Canopy |
| 16. Landing gear cover A (L) | |