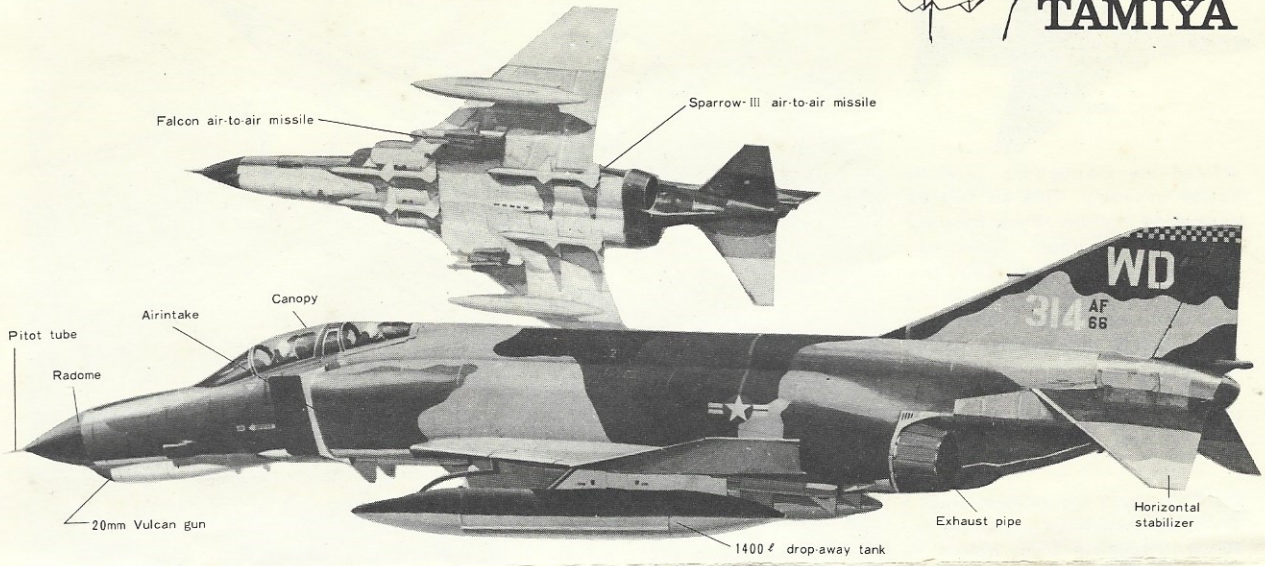
KIT. NO. PA1013

McDONNELL—DOUGLAS F-4E PHANTOM II 1/100 SCALE

TAMIYA



F-4E First Phantom version to incorporate integral cannon armament in the form of a Vulcan M-61A1 20-mm rotary cannon which is sited beneath the improved APQ-120 radar, the F-4E was phased into the Tactical Air Command inventory on 3 October 1967 with delivery of the first aircraft to Nellis AFB, Nevada, and continues in production. The requirement for built-in cannon armament rather than the external pod-type housing employed on previous models was bred out of a requirement which showed itself in Vietnam, both for its value in air-to-ground strikes and in fighter-versus-fighter dogfighting where the effectiveness of air-to air missiles is nullified.

The provision of the Vulcan cannon—it has a 6,000 rpm rate-of-fire—and its ammunition storage drum dictated yet another recontouring of the Phantom's nose profile. In addition to the cannon, the nose also contains the AN/APQ-120 miniaturized solid-state fire control radar which has a 27.5 in by 24.5 in (69 cm by 61 cm) antenna. The complete system is lighter in weight and occupies less space than previous Phantom radars of this type.

The F-4E also features a change in power plant to the 17,900 lb st (8120 kgp) J79-GE-17 engine which produces 900 lb st (410 kgp) more than the-15 employed in the F-4C and D models. Associated with the switch to a higher-rated power plant is the addition of a new fuselage fuel cell, located in the rear fuselage, to increase the radius of action. The USAF's F-4E was preceded in production by the F-4J for the US Navy and two control surface features adopted from the latter version are a fixed in board leading edge and slotted tailplane. The F-4E has also been ordered by Israel and Japan and in a reconnaissance version by Federal Germany.

Principal specifications:

Span, 11.7 m; Length, 19.2 m; Height, 5 m; Empty weight, 13.800 kg; Weight Loaded, 26.300 kg; Engine, two GE79-GE-17 engines, 5380 kg s.t. (8120 kg s.t. with After burning); Maximum speed, mach 2.4 (2,500 km/h); Cruising range, 4,000 km; Armament, four Sparrow air-to-air missiles and Falcon air-to-air missiles (or 4 Side winder air-to-air missiles); and lastly, bomb load, 6,400 kg.

PAINTING AND APPLYING DECALS

PAINTING

Basic painting (with a camouflaged plane)

Upper surface: Two tone of dark green and a tan.

Under surface: Grey verging into white.

Detail painting

White: Landing gear strut, inside of Landing gear door and missiles.

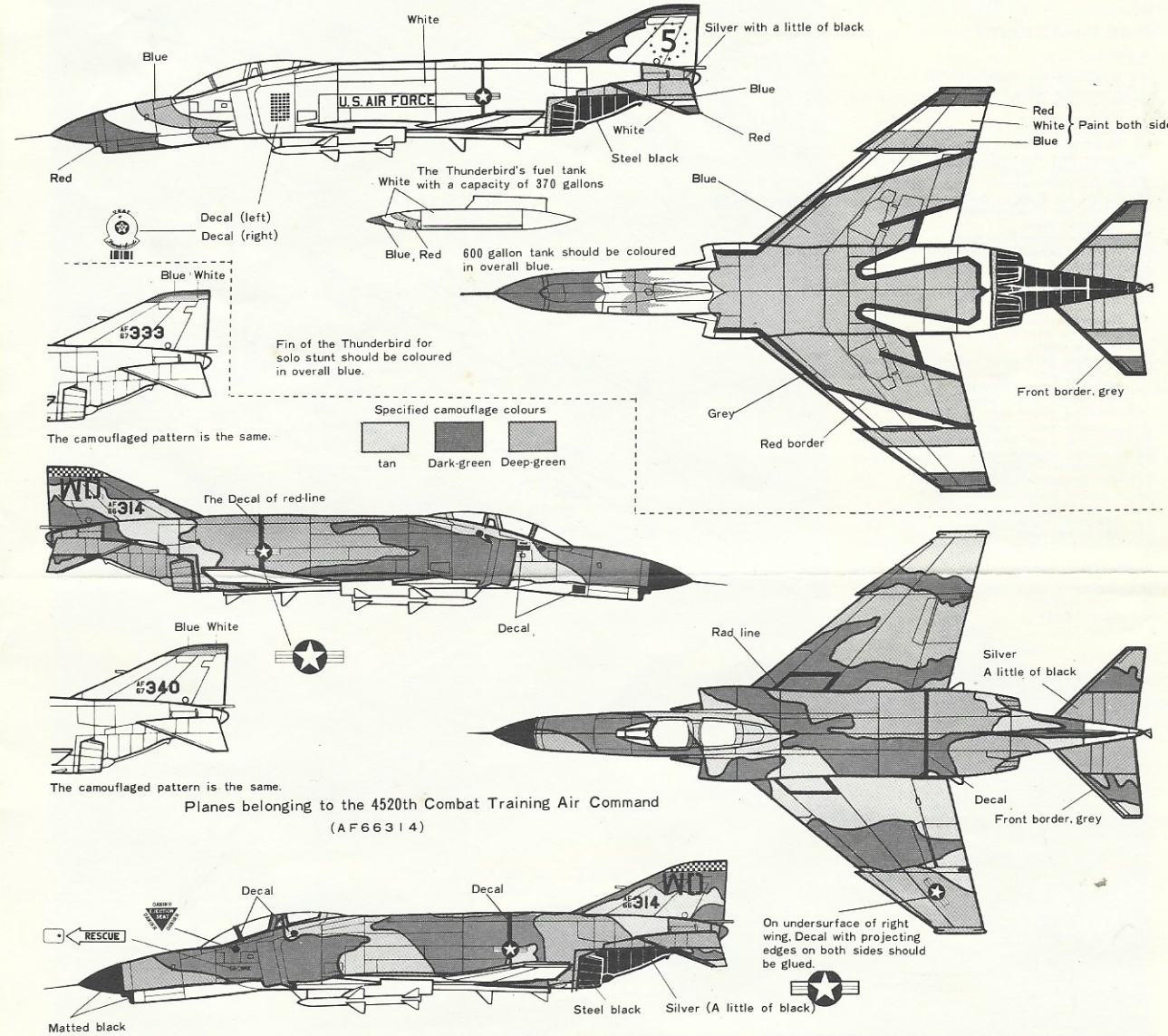
Matted black: Tires, Radome, Tip-end of the Vulcan gun.

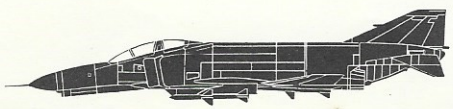
Tempered iron colour (black with a little of silver and brown): Exhaust and rear-under fuselage.

Silver grey: Wing and stabilizer (in case of a camouflaged plane, only stabilizer).

Dark grey : Inside the cockpit.

Dark green: Upper part of instrument panel.





TAMIYA

TAMIYA PLASTIC MODEL CO.
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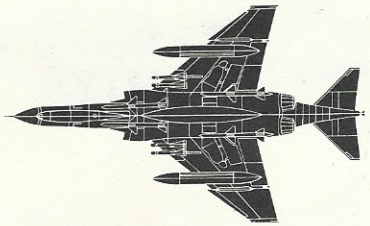
TELEPHONE 86-5105

McDONNELL DOUGLAS F-4E PHANTOM II



★Read the instructions carefully before assembly. This kit may be assembled in either 'flying position' or 'landing position'. When assembling in 'landing position', put weight (putty, bolt or nut), in the nose and secure with scotch tape before gluing the fuselage halves together.

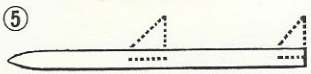
★ Glue standpost C2 to stand-base C3.

Paint canopy frame as illustrated. There are two kinds of missile armament—'Sparrow' ③ and 'Falcon' ④.

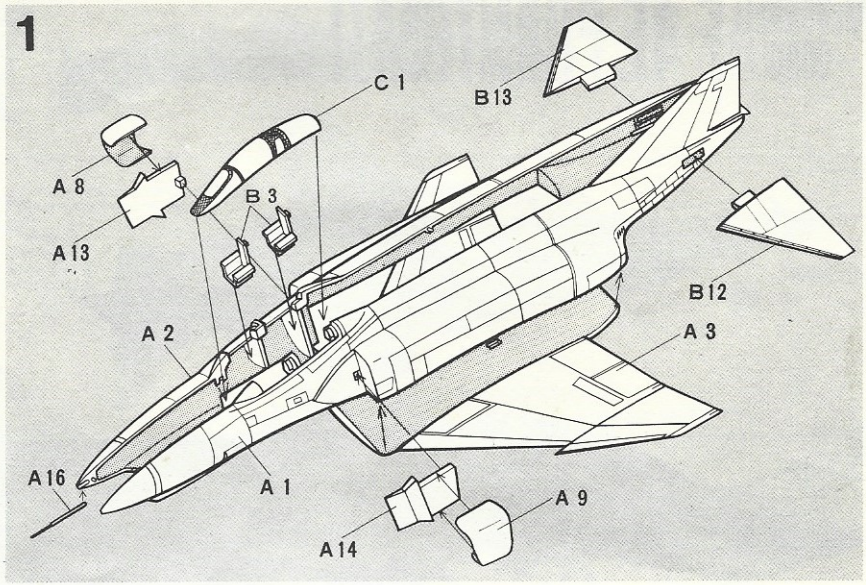
Be sure not to confuse the Sparrow, ⑤, to be fixed onto Fuselage, with other missiles by taking special note of its three fins.

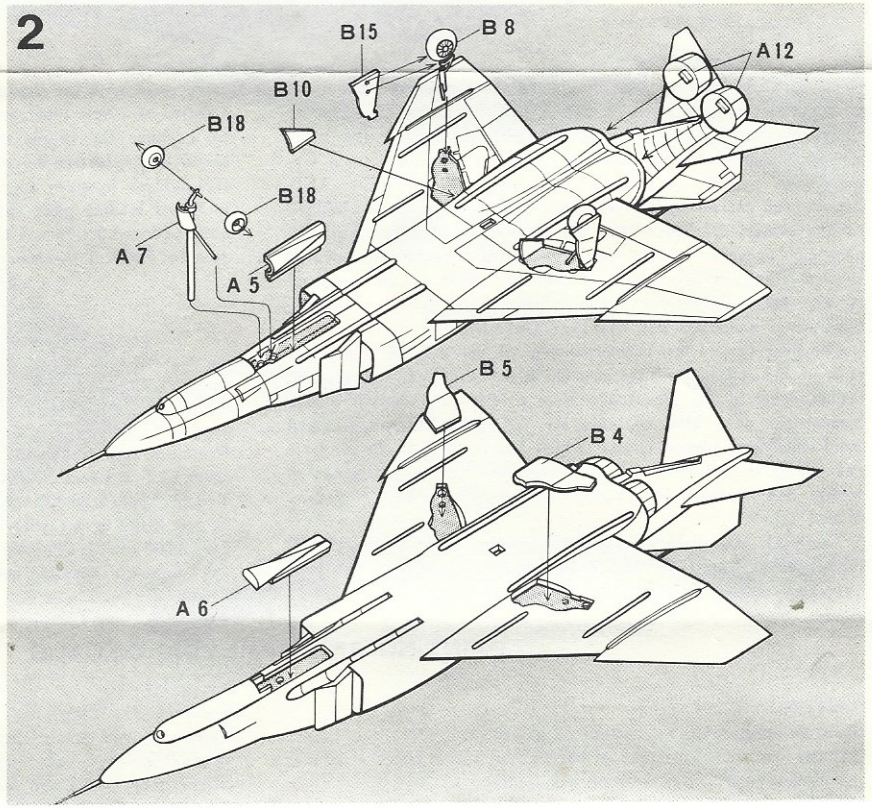
When using Stand, be sure not to fix Tank, ①, onto Fuselage.

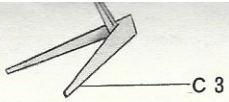
★When constructing one of "Thunderbirds," the acrobat team, cutt off three fins from the Sparrow, ⑤. Also, in this case, don't fix Parts, ③ and ④, onto Fuselage.



Fuselage of a Thunderbird is equipped in its underside with oil tanks in the form of a Sparrow missile. The tank is linked to the left-side exhaust from which smoke will be puffed now and then.







F-4E PARTS LIST

A Parts

1. Fuselage left half
2. Fuselage right half
3. Wing part
4. Falcon missile
5. Nose gear door
6. Nose gear door (flying style)
7. Nose gear strut
8. Air intake · right
9. Air intake · left
10. Pylon for Falcon AAM · right
11. Pylon for Falcon AAM · left
12. Exhaust pipe
13. Air-flow adjuster · right
14. Air-flow adjuster · left
15. Pylons for Sparrow AAM
16. Pitot tube

B Parts

1. Sparrow missile A
2. Sparrow missile B
3. Pilot's seat
4. Landing gear door · right (flying style)
5. Landing gear door · left (flying style)
6. 600-gallon tank · right
7. 600-gallon tank · left
8. Landing gear · left
9. Landing gear · right
10. Landing gear door A · left
11. Landing gear door A · right
12. Horizontal stabilizer · left
13. Horizontal stabilizer · right
14. Landing gear door B · right
15. Landing gear door B · left
16. 370-gallon tank · left
17. 370-gallon tank · right
18. Nose wheels

C Parts

1. Canopy
2. Stand post
3. Stand base