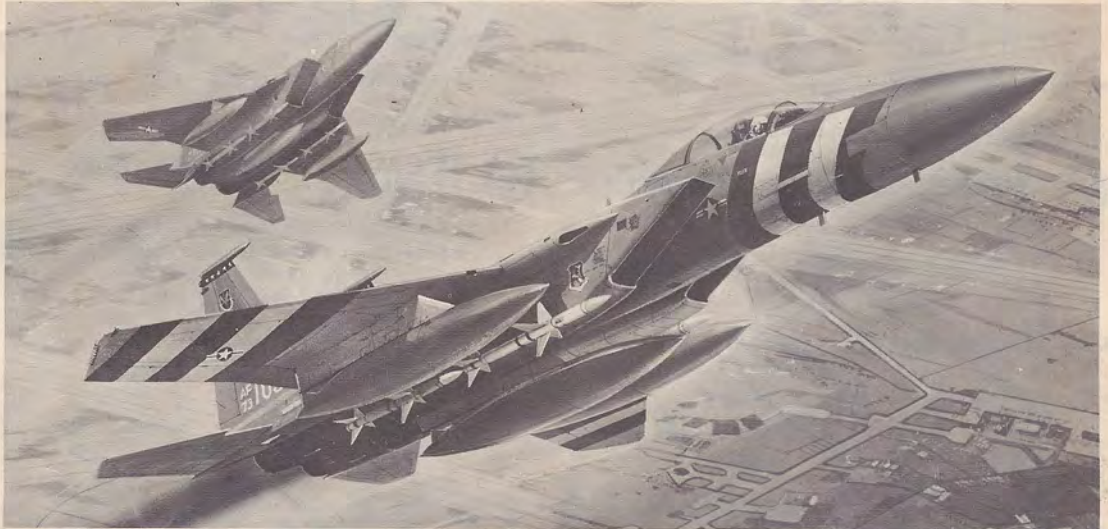


**McDONNELL
DOUGLAS**

F-15 EAGLE

1/48 SCALE FAMOUS FIGHTER SERIES NO.27

ITEM NO.5A-27



HISTORICAL BACKGROUND OF F-15 EAGLE

The Eagle's appearance was due to the fact "the fastest was not necessarily the best" which was experienced in the Vietnam and Southeast Asia Wars. As a matter of fact, in the Vietnam War, the older and slower Soviet Mig 17, 19 and 21 overcame the newer and faster U.S. F105, F111 and F4. This fact taught that an air fight in North Vietnam was the really new type - that is, encounters between fighters capable of high altitude and supersonic flights took place below 20,000 feet and at speeds slower than Mach 1. As the fight progress, visibility limitations and basic physics keep the aircraft in the area around Mach 1. As a result, the fighter pilot has been continually asking for more maneuverability, close-in weapons, and a better understanding of his aircraft during a dogfight. Thus, agility-and not speed alone-in the air at medium and low altitudes is the prime requisite for success in air-to-air engagements.

In June 1969, the Air Force demanded North American, Fairchild and McDonnell Douglas of a new jet

fighter having a excellent maneuverability in the transonic flight regime. In December 1969, McDonnell Douglas Aircraft Company was awarded the go-ahead development contract of F-15 Eagle and on June 27, 1972, the first F-15 Eagle was officially welcomed off the production line in a rollout ceremony. One month after rollout, on July 28, 1972, the Eagle took to the air on its initial flight. A highly maneuverable combatfighter with low wing loading, thrust greater than its takeoff weight, and an advanced electronic system to sort out and identify targets and to evade enemy defenses, the F-15 is able to find, identify, engage, and destroy any aircraft expected to be a threat during the late 1970s and 1980s. Advanced Sparrow and Sidewinder missiles plus the 20mm gun are available for air-to-air encounters. The high powered pulse doppler rader has automatic acquisition and look-down shoot-down capabilities against low flying targets in a cluttered background, and can shoot-up against long range, high flyers. For the close-in dogfight, sensors,

controls and displays are designed to free the pilot for "head-out-of-the-cockpit" operation.

length: 63.8 feet
height: 18.6 feet
wing span: 42.8 feet
propulsion:

two Pratt & Whitney F100-PW-100 advanced technology turbofan engines with afterburners, producing an aircraft thrust-to-weight ratio of greater than one-to-one at takeoff gross weight.

weight: 40,000 lb class
speed: Mach 2 plus

armament:

the F-15 combines the latest fire control system with an optimum mix of missiles and a multiple-barrel, high speed cannon.

crew: one
first flight: 27 July 1972

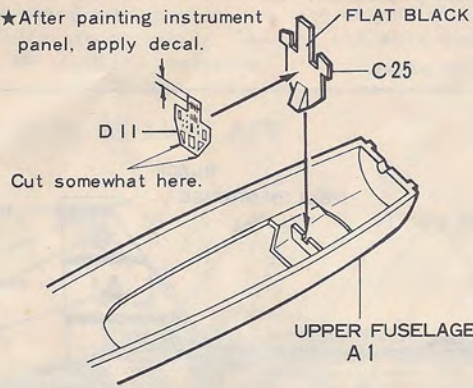
FUJIMI MOKEI CO., LTD.

21-1, Toro 4-chome, Chizuoka City, Japan

1**INSTRUMENT PANEL ASSEMBLY**

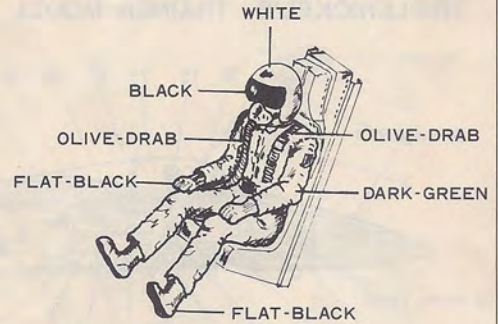
※“D” MEANS DECAL

★After painting instrument panel, apply decal.



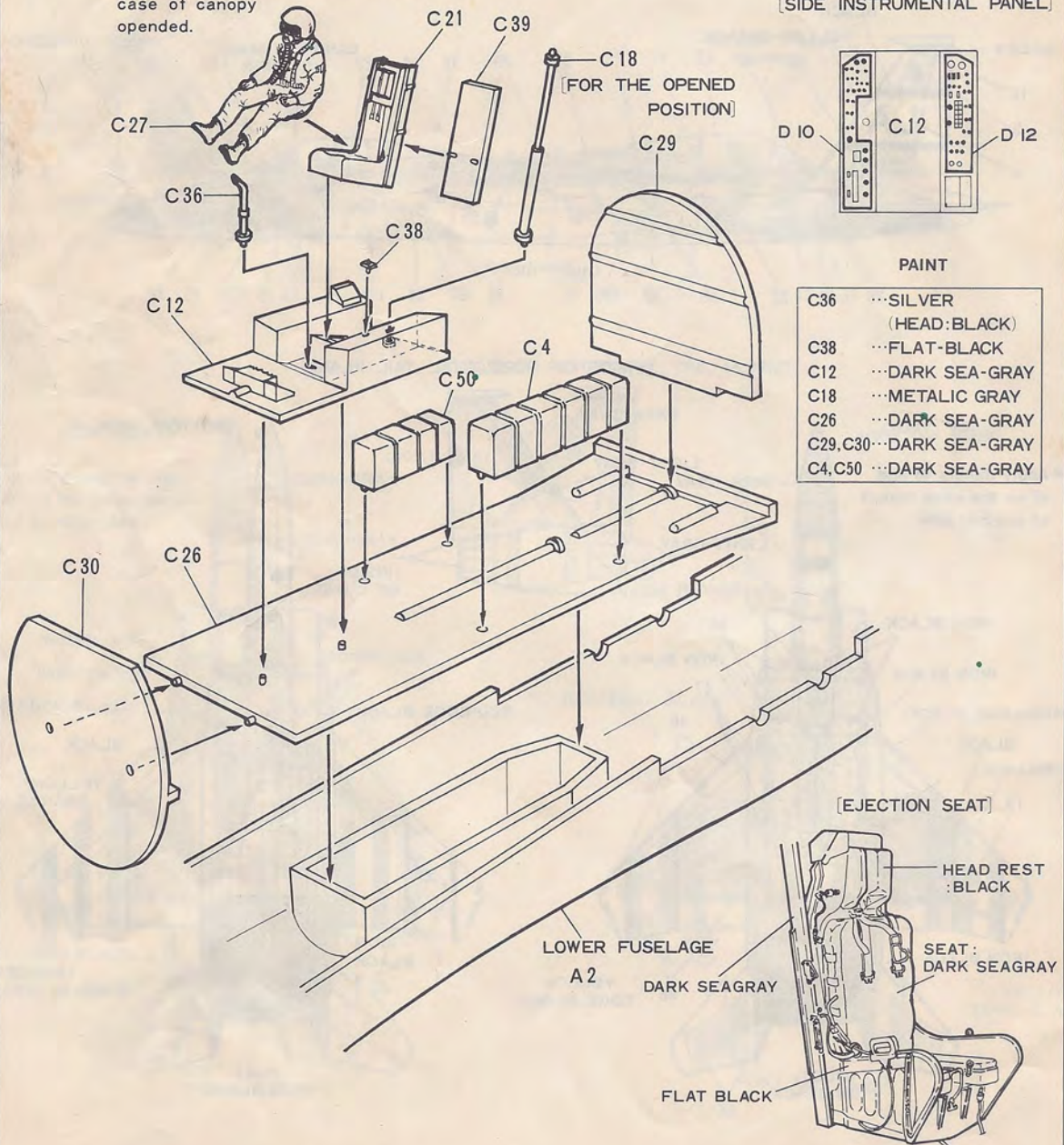
[PILOT]

★After painting pilot, cement to the seat.

**2****COCKPIT ASSEMBLY**

★After applying decal on the part C12, assemble cockpit.

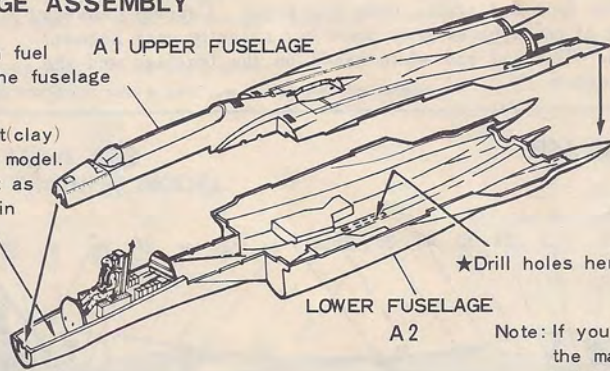
★The parts 18 is only used for the case of canopy opened.



3 FUSELAGE ASSEMBLY

If you want to attach fuel tank, drill holes on the fuselage bottom in this step.

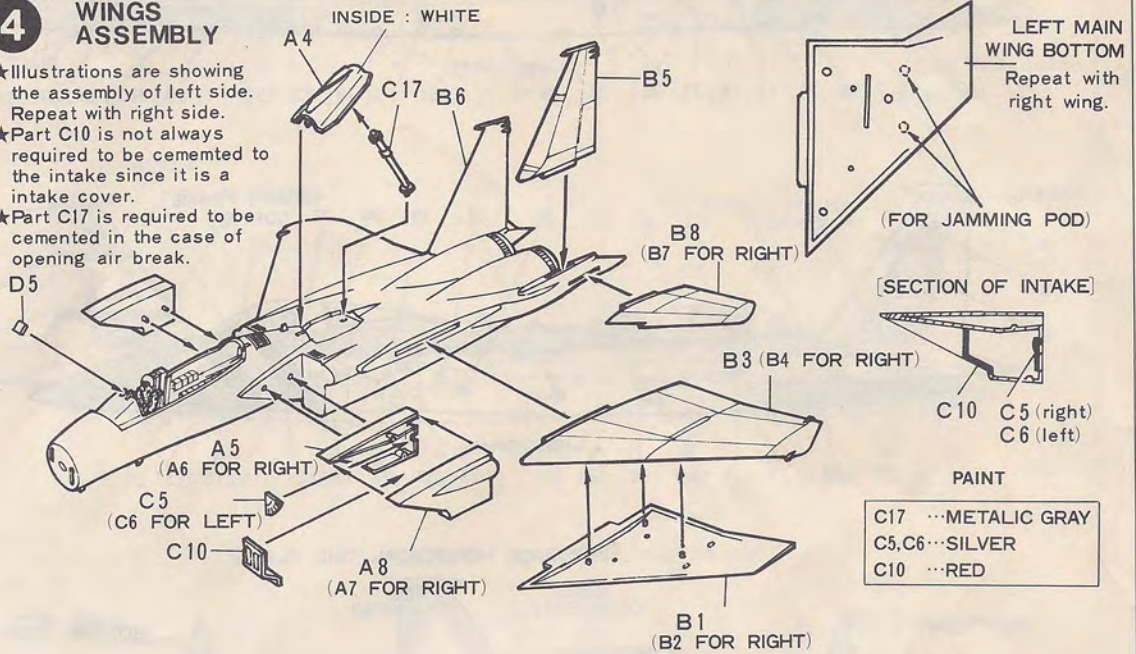
Use some light weight (clay) for the balance of the model. But such light weight as clay is not included in this kit set. Please prepare by yourself.



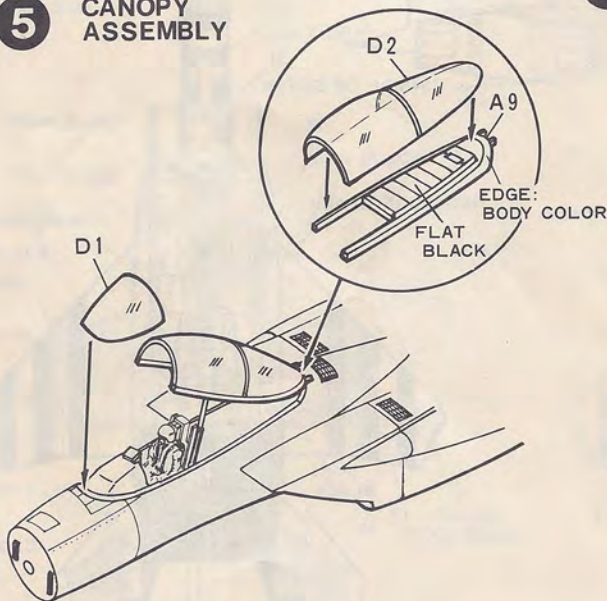
Note: If you want armament, drill holes on the marked spots for the attachment before wings assembly.

4 WINGS ASSEMBLY

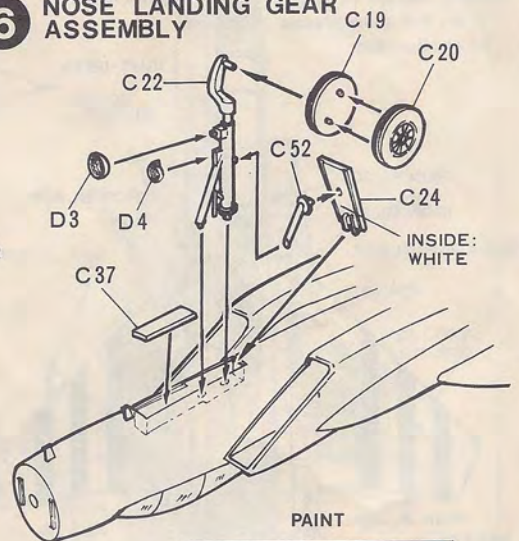
- ★Illustrations are showing the assembly of left side. Repeat with right side.
- ★Part C10 is not always required to be cemented to the intake since it is a intake cover.
- ★Part C17 is required to be cemented in the case of opening air break.



5 CANOPY ASSEMBLY



6 NOSE LANDING GEAR ASSEMBLY



C19,C20...FLAT-BLACK
(WHEEL: SILVER)

C22 ...WHITE

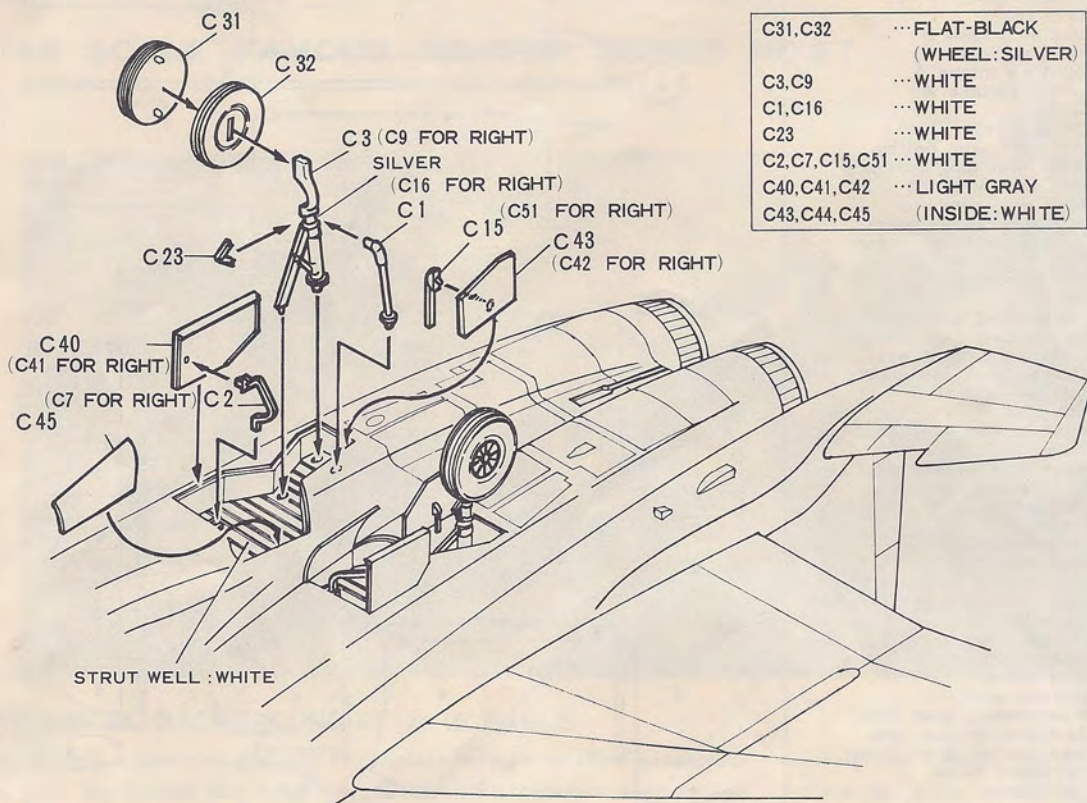
C52 ...WHITE

C24,C37...LIGHT-GRAY
(INSIDE: WHITE)

D3,D4 ...SILVER

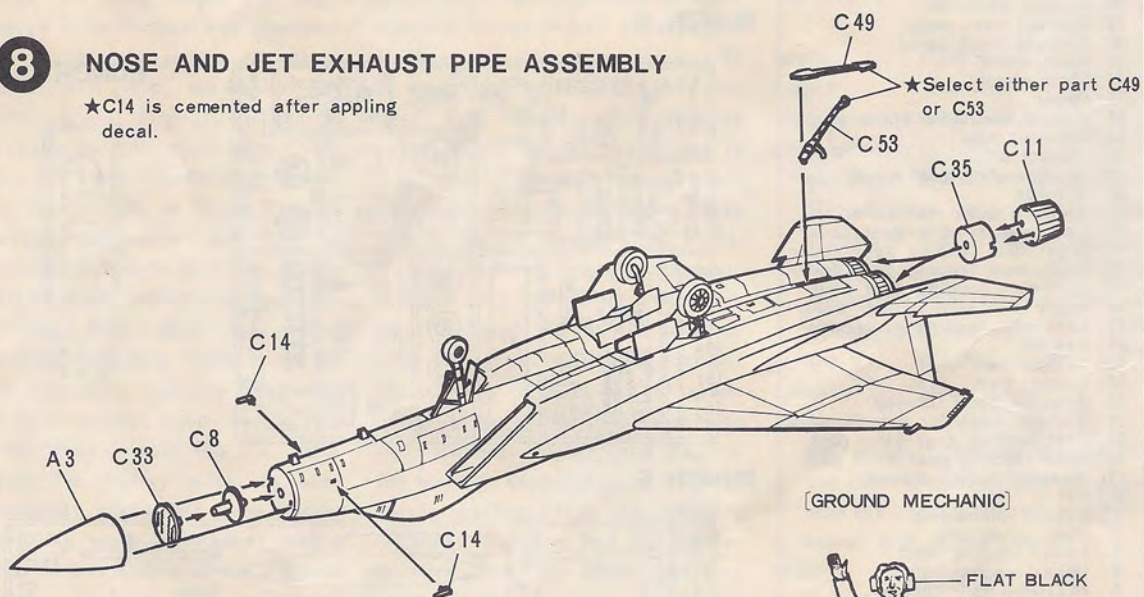
7 MAIN LANDING GEAR ASSEMBLY

★Repeat with left main landing gear.



8 NOSE AND JET EXHAUST PIPE ASSEMBLY

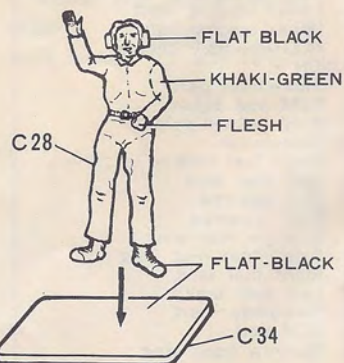
★C14 is cemented after applying decal.



[GROUND MECHANIC]

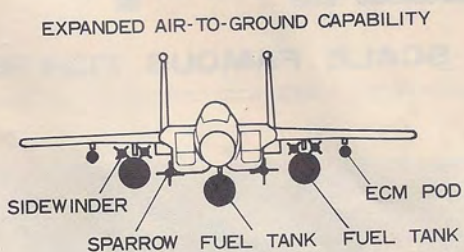
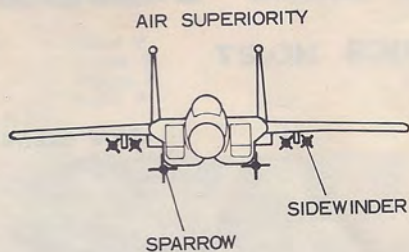
PAINT

C33, C8	... SILVER
C14	... SILVER
C49	... LIGHT-GRAY
C53	... STRIPE OF FLAT WHITE AND FLAT BLACK
C11	... RUST IRON BLACK (INSIDE: IRON BLACK)
C35	... IRON BLACK

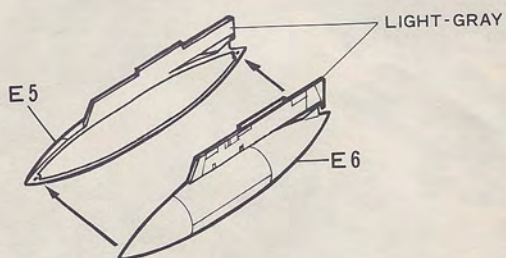


9 ARMAMENT ASSEMBLY

★Adapt the armament from following illustrations.

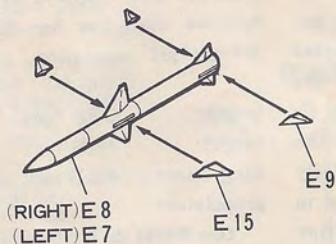


A MIDDLE FUEL TANK ASSEMBLY



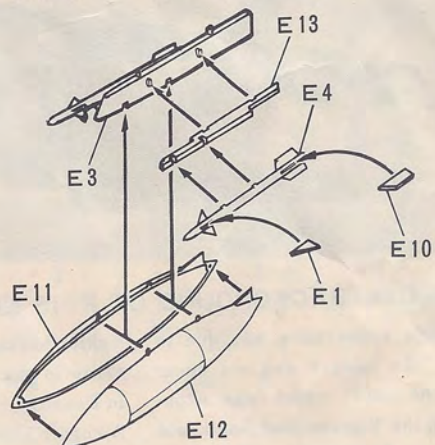
B SPARROW ASSEMBLY

★Assemble 2 pieces for each side.



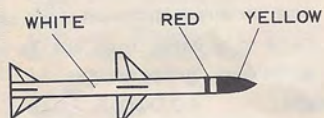
C SIDEWINDER AND FUEL TANK ASSEMBLY

★Repeat with right side.
★Assemble 2 pieces for each side.

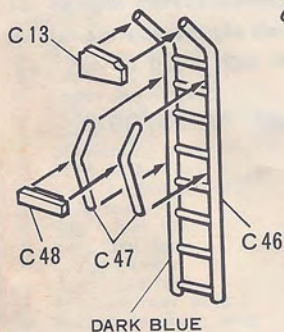


PAINT

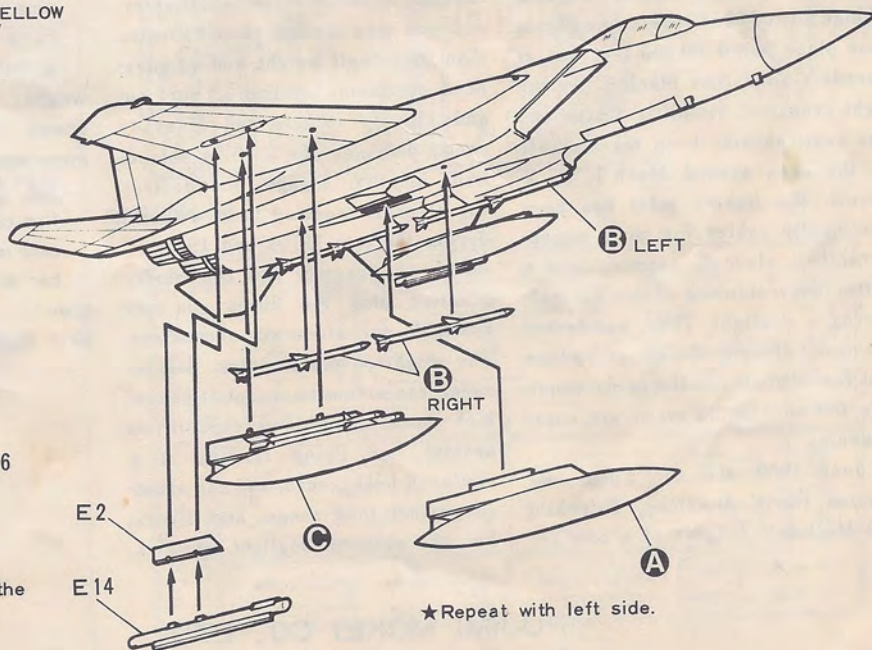
E3	...LIGHT-GRAY
E13	...LIGHT-GRAY
E4	...WHITE
E11, E12	...LIGHT-GRAY



[LADDER ASSEMBLY]



★Ladder is placed on the left side of fuselage.



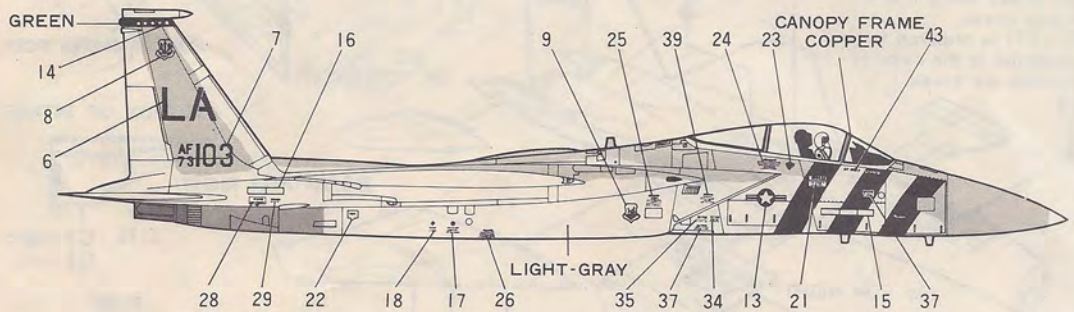
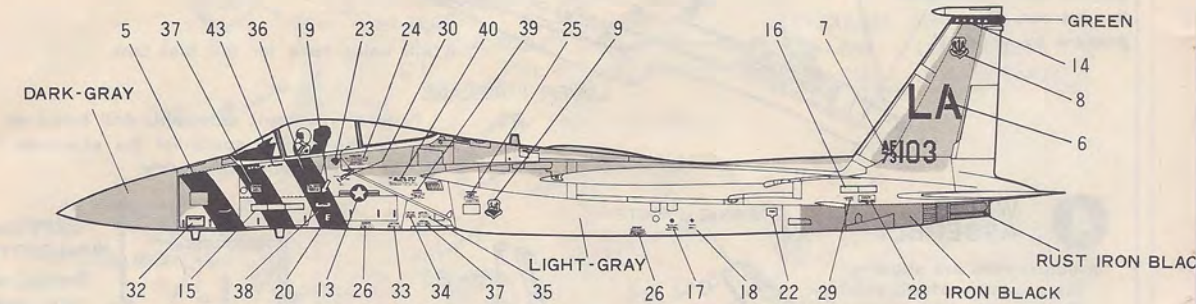
★Repeat with left side.

PAINTING OF F-15

The early version of F-15 is painted with mono tone of superiority blue. Superiority blue color is made with white plus blue and adding little flat black. Current delivered F-15s have the waved camouflage of two type of gray tones but recently gray segment camouflaged F-15s are appeared. The red and white bands on the fuselage and the wings are for the visibility evaluation.

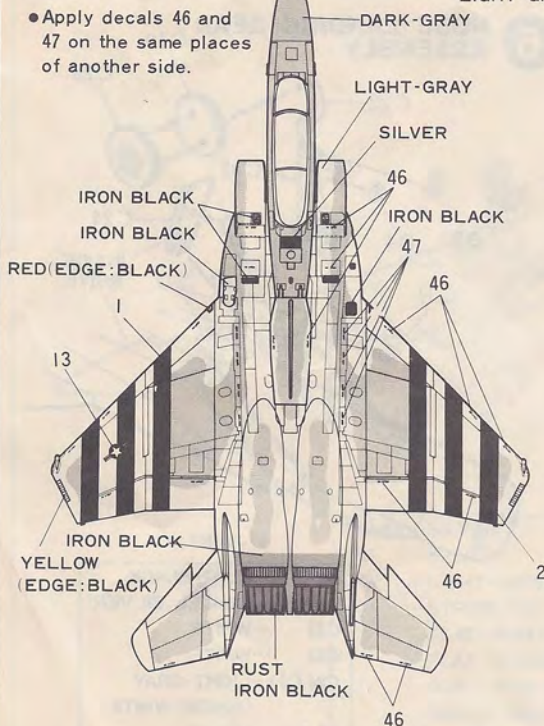
Painting &

●555TH TFTS AT LUKE AFB

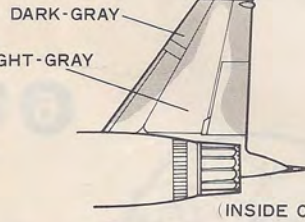


[INSIDE OF HORIZONTAL TAIL PLANE]

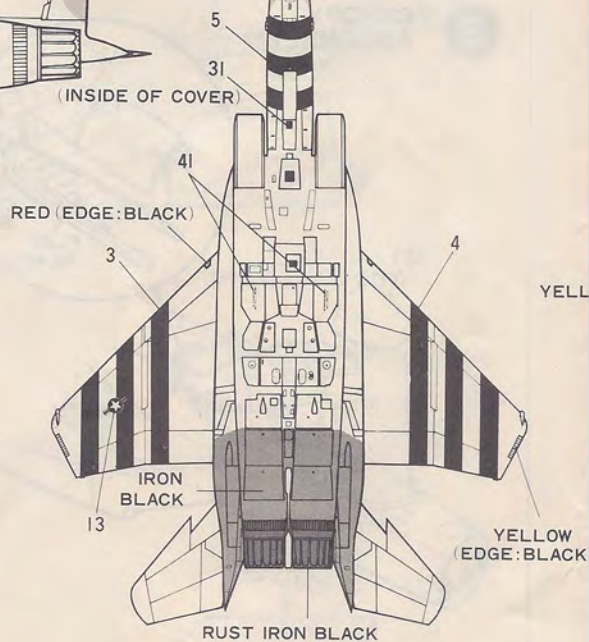
[TOP VIEW]



●Apply decals 46 and 47 on the same places of another side.



[BOTTOM VIEW]

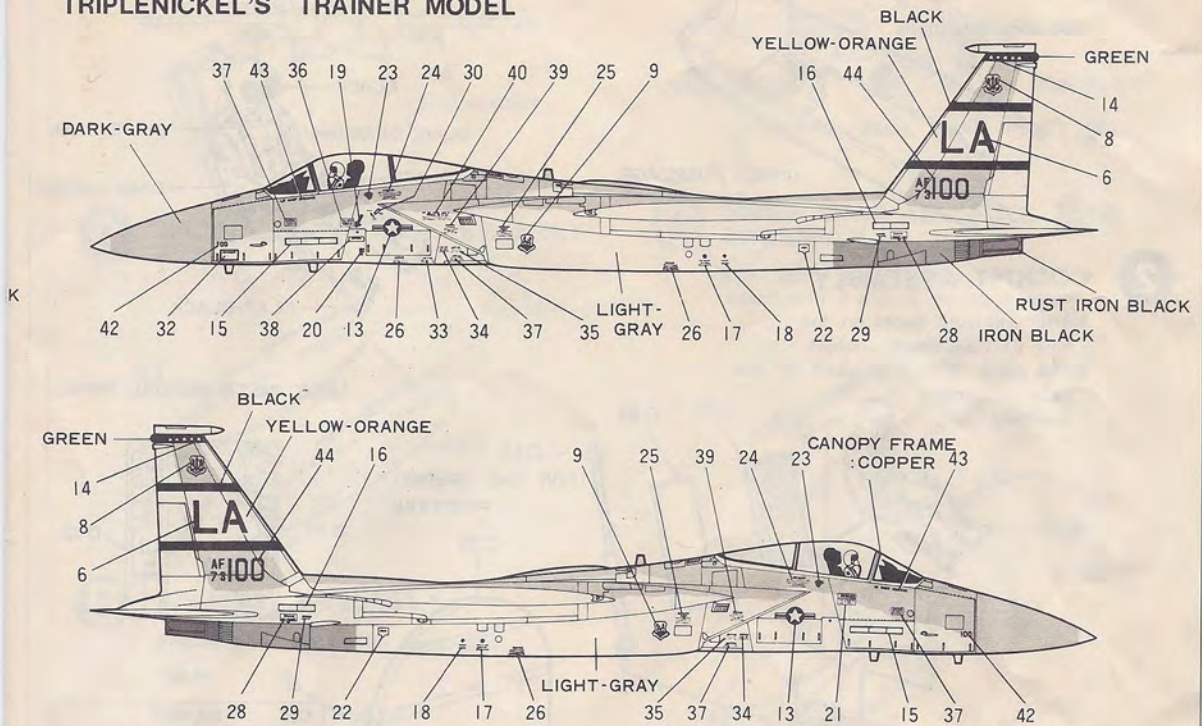


APPLYING DECALS

1. Cut the item you wish to apply from the sheet with scissors.
2. Dip the decal for about 30 seconds, then move it on the soft rag.
3. Slide the decal into correct position.
4. Slide the decal into correct position.
5. Press the decal with a soft rag to remove the bubbles.

Decals

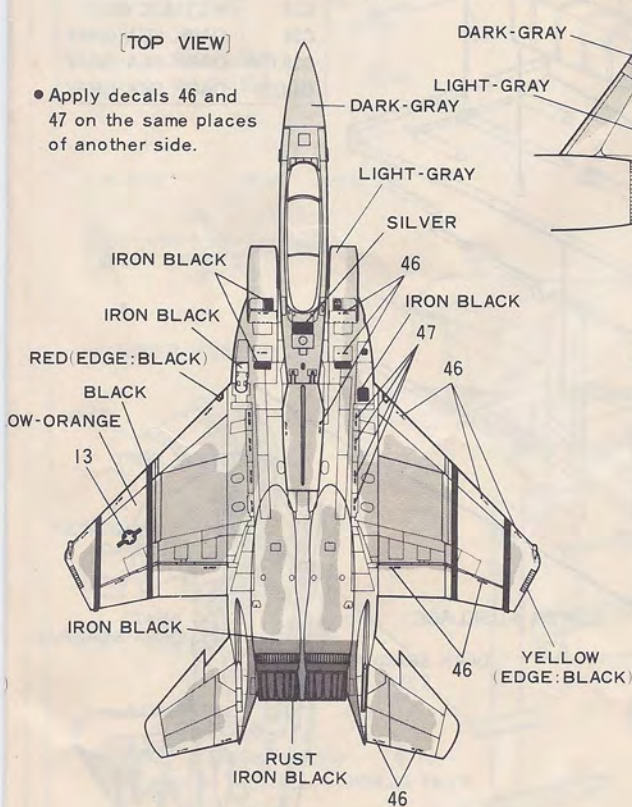
● 555TH TFTS AT LUKE AFB TRIPLENICKEL'S TRAINER MODEL



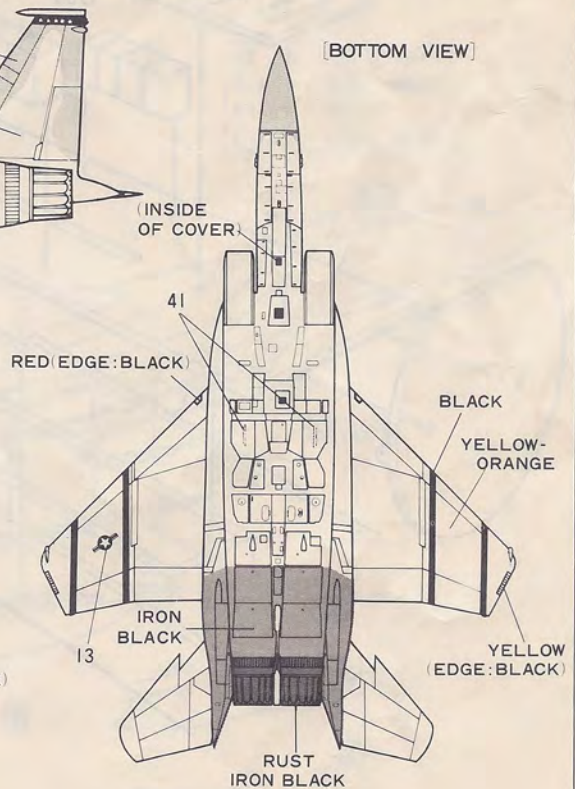
[INSIDE OF HORIZONTAL TAIL PLANE]

[TOP VIEW]

- Apply decals 46 and 47 on the same places of another side.



[BOTTOM VIEW]



PARTS LIST

BUNCH A

1. Upper fuselage
2. Lower fuselage
3. Nose
4. Air break
5. Left air intake B
6. Right air intake B
7. Right air intake A
8. Left air intake A
9. Canopy

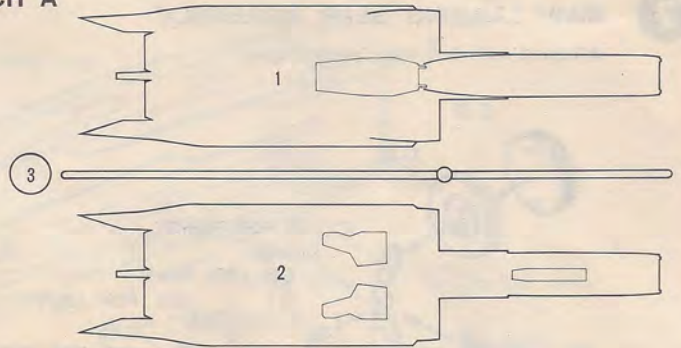
BUNCH B

1. Left main wing bottom
2. Right main wing bottom
3. Left main wing top
4. Right main wing top
5. Left vertical tail plane
6. Right vertical tail plane
7. Right horizontal tail plane
8. Left Horizontal tail plane

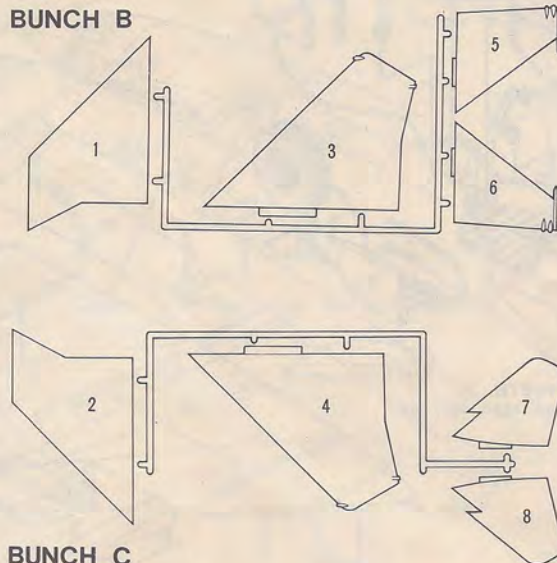
BUNCH C

1. Left landing gear strut part
2. Left landing gear strut part
3. Left main landing gear strut
4. Storage bays for avionic sets
5. Left fan
6. Right fan
7. Right landing gear strut part
8. Radar
9. Right main landing gear strut
10. Air intake cover
11. Exhaust pipe
12. Cockpit
13. Ladder part
14. Pitot tube
15. Left landing gear strut part
16. Right landing gear strut part
17. Air break strut
18. Canopy strut cylinder
19. Nose wheel
20. Nose wheel
21. Ejection seat
22. Nose landing gear strut
23. Main landing gear arm
24. Nose landing gear cover
25. Instrument panel
25. Floor panel
27. Pilot
28. Ground mechanic
29. Cockpit rear panel
30. Cockpit front panel
31. Main wheel
32. Main wheel
33. Radar
34. Ground mechanic stand
35. Exhaust pipe
36. Control stick
37. Nose landing gear cover
38. Throttle
39. Ejection seat rear panel
40. Left main landing gear cover
41. Right main landing gear cover
42. Right main landing gear cover
43. Left main landing gear cover
44. Right main landing gear cover
45. Left main landing gear cover
46. Ladder
47. Ladder part
48. Ladder part
49. Arrestor hook (closed)
50. Storage bays for avionic sets
51. Left landing gear strut part
52. Nose landing gear strut part
53. Arrestor hook (opened)

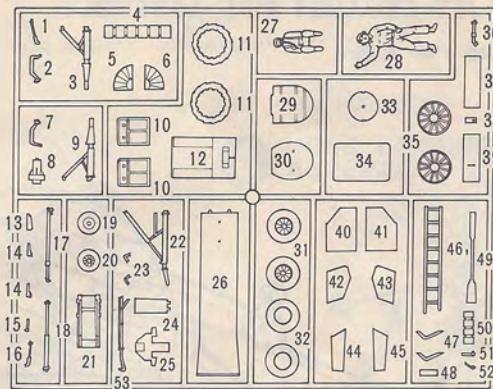
BUNCH A



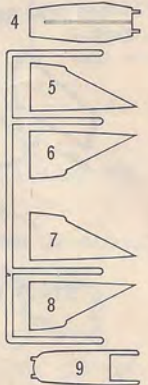
BUNCH B



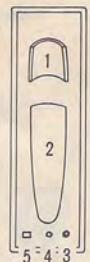
BUNCH C



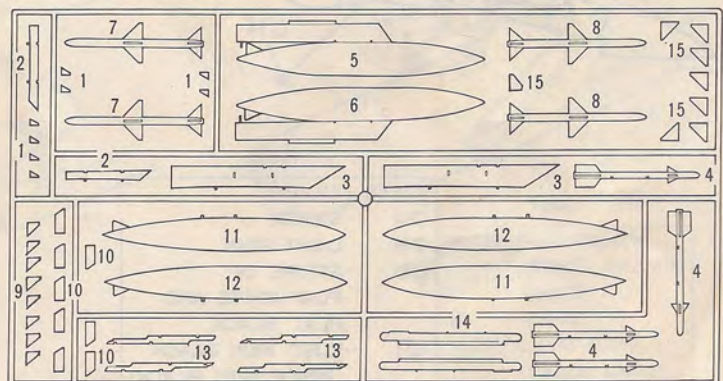
BUNCH A



BUNCH D



BUNCH E



BUNCH D

1. Forward windshield
2. Rear windshield
3. Lower landing light
4. Upper landing light
5. HUD-Head-UP Display

BUNCH E

1. Sidewinder part
2. ECM pod pylon
3. Wing bottom pylon
4. Sidewinder
5. Right fuel tank
6. Left fuel tank
7. Left sparrow
8. Right sparrow
9. Sparrow rear wing
10. Sidewinder rear wing
11. Right fuel tank
12. Left fuel tank
13. Sidewinder part
14. ECM pod
15. Sparrow front wing