



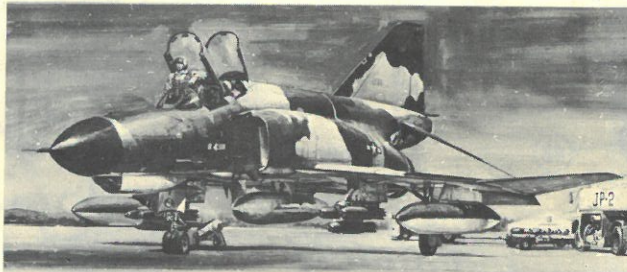
KIT NO. FP-1-398



MADE IN JAPAN BY FUJIMI EXCLUSIVELY FOR AHM, PHILA., PA.

1/48 IDENTICAL SCALE MODEL F-4E PHANTOM II ASSEMBLY INSTRUCTIONS

U.S.A.F. ATTACK FIGHTER-BOMBER



In its class, the McDonnell F-4E Phantom can justifiably claim to be the finest combat aircraft in service throughout the Free World today. Perhaps the only difficulty is in defining its precise classification, since the Phantom is currently employed in five major roles: Air defence, air superiority, long-range attack, reconnaissance and tactical support, from both land bases and aircraft carriers. The F-4E has an extended nose housing miniaturised APQ-120 fire control radar and recessed pod with multiple-barrel M-61 20mm Balkan cannon, with a 6,000 to 4,000 round per minute rate of fire. Two J79-GE-17 turbojets

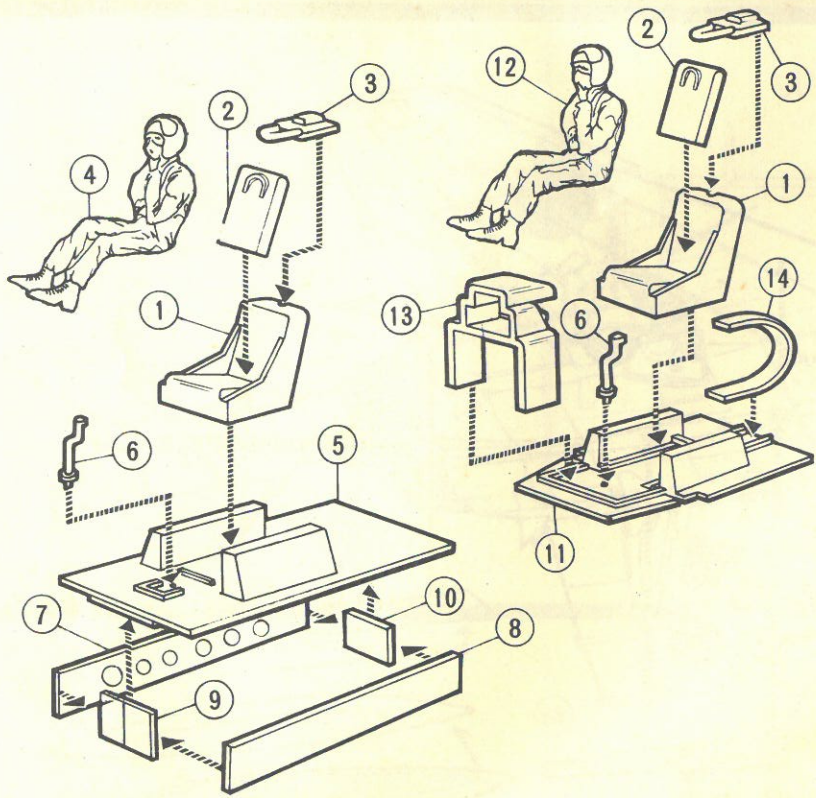
rated at 11,870lb st and 17,900 lb st with afterburning. Capable of Mach 2.27 at altitude. The Phantom uses a cartridge-type ejection system to release the six AIM-7E Sparrow all-weather all-aspect air-to-air missiles, four of which are carried semi-buried beneath the fuselage and five stations under the wings and fuselage can carry a combined total of more than seven tons (bombs, fuel tanks, missiles, and napalm). The Japan Air Force has decided to adapt the Phantom as their next main fighter in 1970.

ALL PLASTIC CONSTRUCTION MODEL KIT

LIST OF PARTS

No.	Description.	Quantity
1	ejection seat	2
2	parachute-bag	2
3	emergency ejection ring	2
4	pilot	1
5	cockpit floor	1
6	control stick	2
7	nose gear wheel well board (right)	1
8	" (left)	1
9	" (forward)	1
10	" (after)	1
11	navigator's floor	1
12	navigator	1
13	after instrument panel	1
14	spring	1
15	tail pipe (right)	2
16	" (left)	2
17	jet nozzle	2
18	fuselage (right)	1
19	" (left)	1
20	intake ramp (right)	1
21	engine air intake (right)	1
22	intake ramp (left)	1
23	engine air intake (left)	1
24	right horizontal tail plane	1
25	left horizontal tail plane	1
26	intake fin	1
27	fuel air vent	1
28	antenna	1
29	M-61 gun cover	1
30	small air intake	1
31	air intake	2
32	forward instrument panel	1
33	arresting hook	1
34	pitot tube	1
35	after canopy hinge	1
36	jettisonable after canopy	1
37	center canopy	1
38	forward canopy hinge	1
39	jettisonable forward canopy	1
40	windshield	1
41	lower wing	1
42	upper wing (right)	1
43	" (left)	1
44	flap B (right)	1
45	flap A (right)	1
46	flap A (left)	1
47	flap B (left)	1
48	nose wheel	2
49	nose gear strut	1
50	torque link	1
51	nose gear front cover	1
52	spot light	1
53	landing light	1
54	nose gear door	1
55	nose gear retraction actuator	1
56	main wheel	2
57	main landing gear strut (right)	1
58	" (left)	1
59	main gear retraction actuator	2
60	main gear cover (right)	1
61	" (left)	1
62	main gear auxiliary cover (right)	1
63	" (left)	1
64	main wheel door (right)	1
65	" (left)	1
66	center pylon	1
67	bomb pylon	2
68	bomb pylons part A (right)	1
69	" B (left)	1
70	" A (right)	1
71	" B (left)	1
72	pylon	2
73	600 gallon drop tank (right)	1
74	" (left)	1
75	370 gallon drop tank (right)	2
76	" (left)	2
77	center bomb rack	1
78	wing bomb rack (right)	2
79	750 L.B. bomb (left)	12
80	" (right)	12
81	AIM-7E sparrow AAM missile (A)	2
82	" (B)	4
83	sparrow's forward wing	8
84	sparrow's after wing	8
85	ladder	1
86	ladder No. 1	2
87	" No. 2	1
88	" No. 3	1
89	" No. 4	1
90	mechanic	1
91	mechanic's base	1

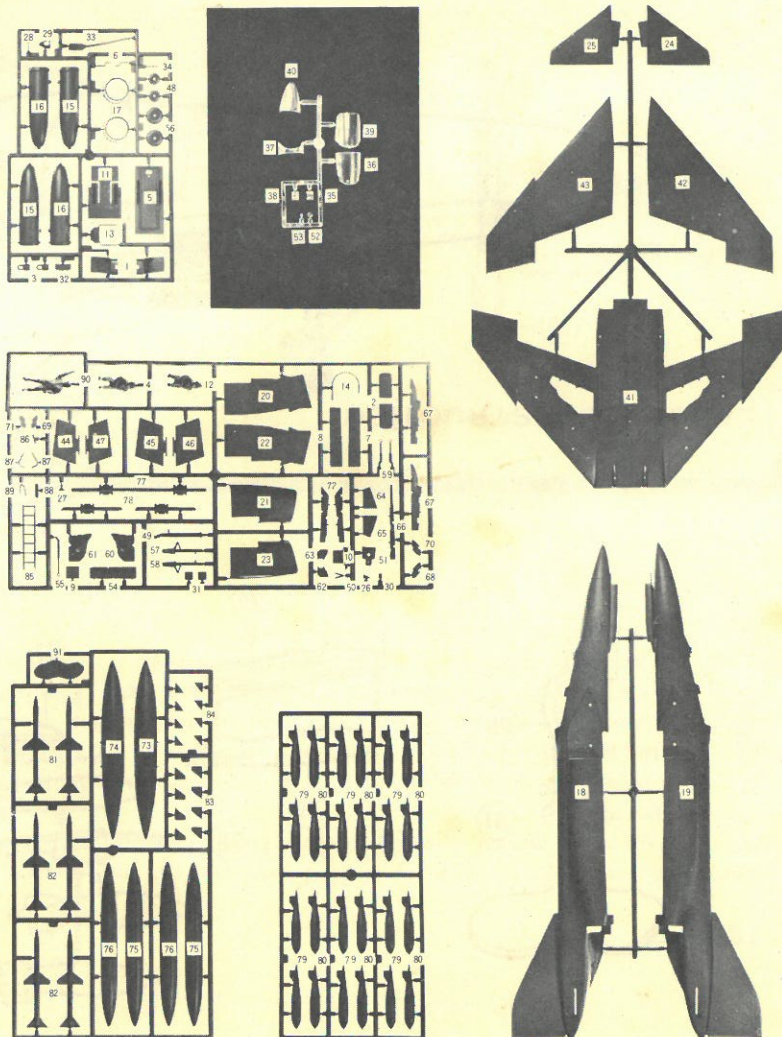
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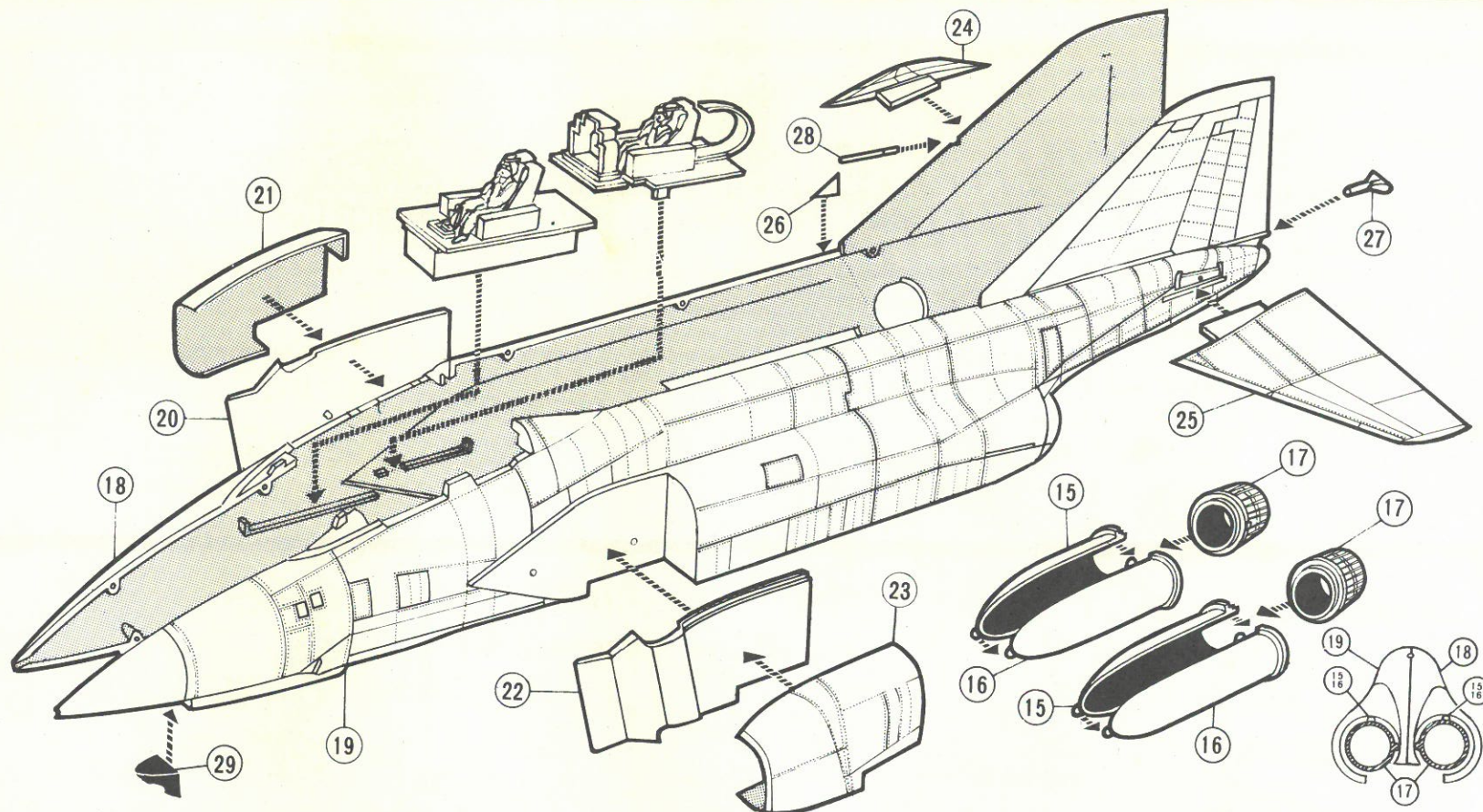


COCKPIT CONSTRUCTION

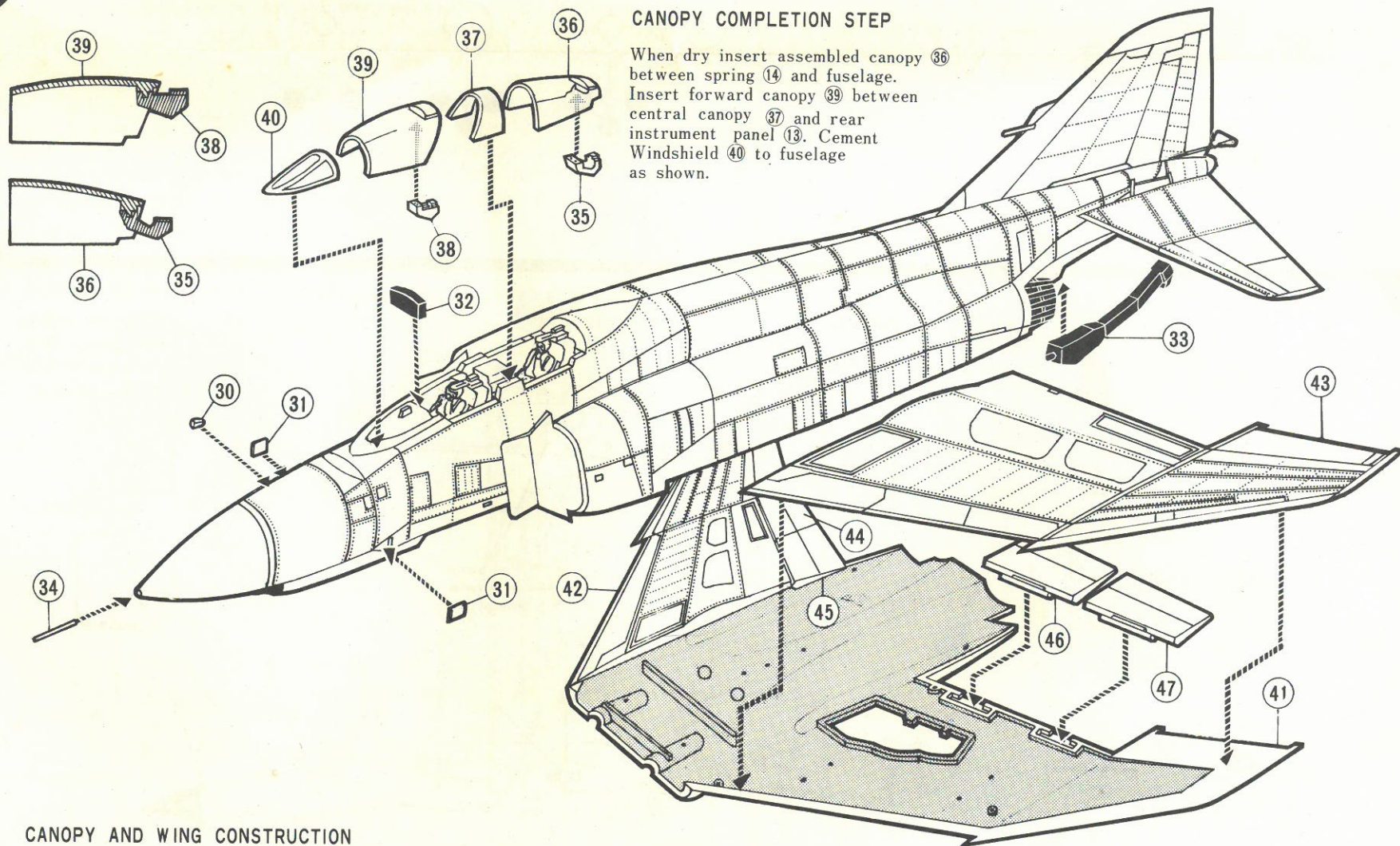
- First, make the front part of cockpit as shown. Cement parachute-bag (2), emergency ejection ring (3) pilot (4) to the ejection seat (1). Then cement them and control stick (6) to the cockpit floor (5). Make the frame with nose gear wheel board (7)(8)(9)(10) (The wider part of board (7)(8) are coming forward). Then fit assembled frame to the cockpit floor (5).
- Cement (2)(3) and navigator (12) to the ejection seat (1), then cement them to the navigator's floor (11). (Notice: Do not cement central spring board to the ejection seat, leave it movable). Cement control stick (6) and instrument panel (13) to navigator floor as shown.

(DRAWING OF PARTS)





3. Cement each of assembled seats to the inside projections of the fuselage. Then put fuselages 18 19 together.
4. Make two tail pipes with parts 15 and 16, then cement each of jet nozzles 17 to them.* (Notice: In this case, meet the boss of jet nozzle at a right angle to the boss of tail pipe).
5. Insert assembled tail pipe into the fuselage.* (Notice: As reference picture shows, fit the boss of jet nozzle to the inside wall of fuselage).
6. Cement engine air intakes 21, 23 to each of intake ramps 20 22 then fit them into place as shown.
7. Cement stabilizer right 24 and left 25 to the fuselage.
8. As shown, arrange and cement intake fin 26, fuel air vent 27, antenna 28, M-61 gun cover 29 to the fuselage.

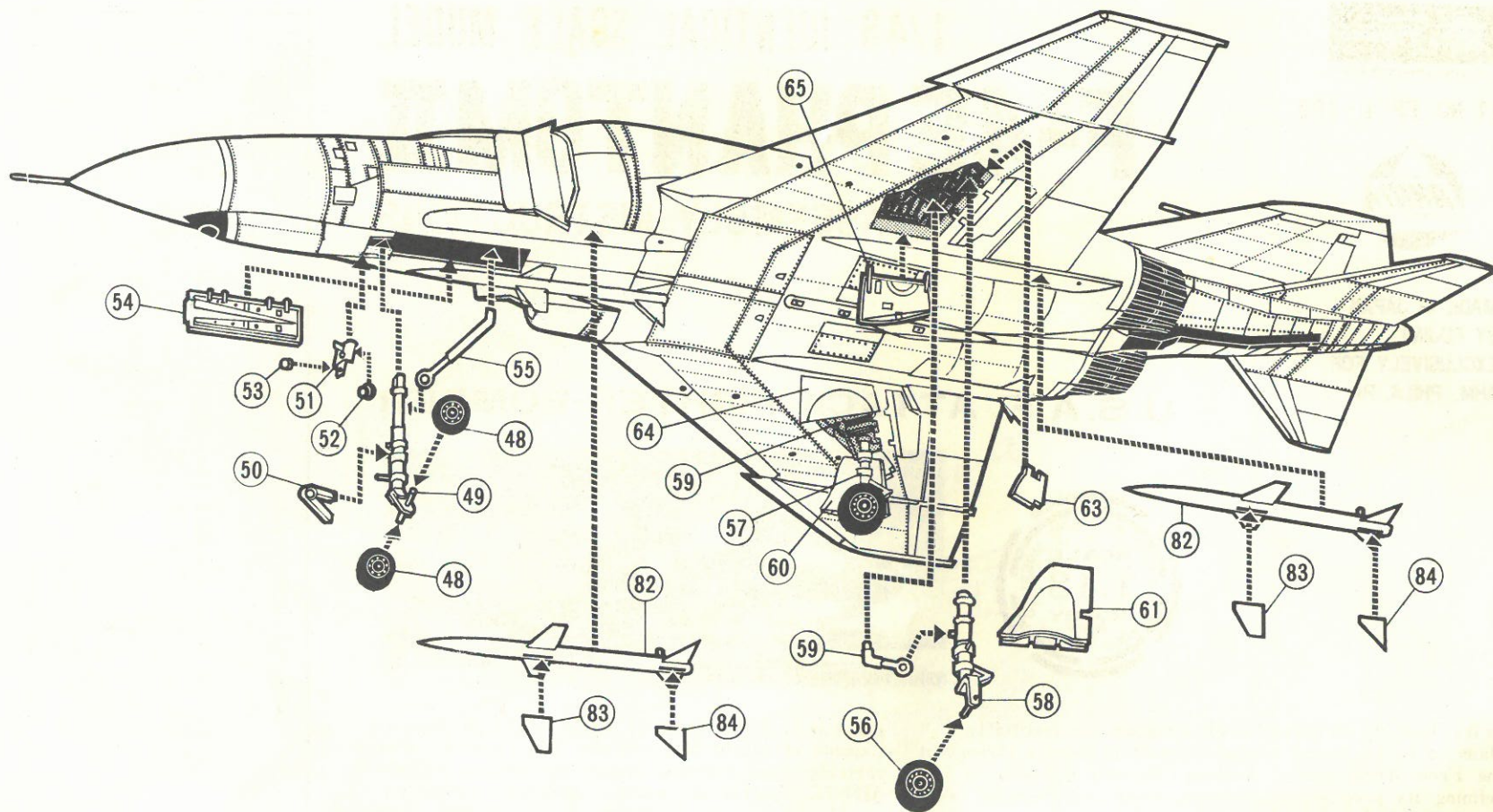


CANOPY COMPLETION STEP

When dry insert assembled canopy 36 between spring 14 and fuselage. Insert forward canopy 39 between central canopy 37 and rear instrument panel 13. Cement Windshield 40 to fuselage as shown.

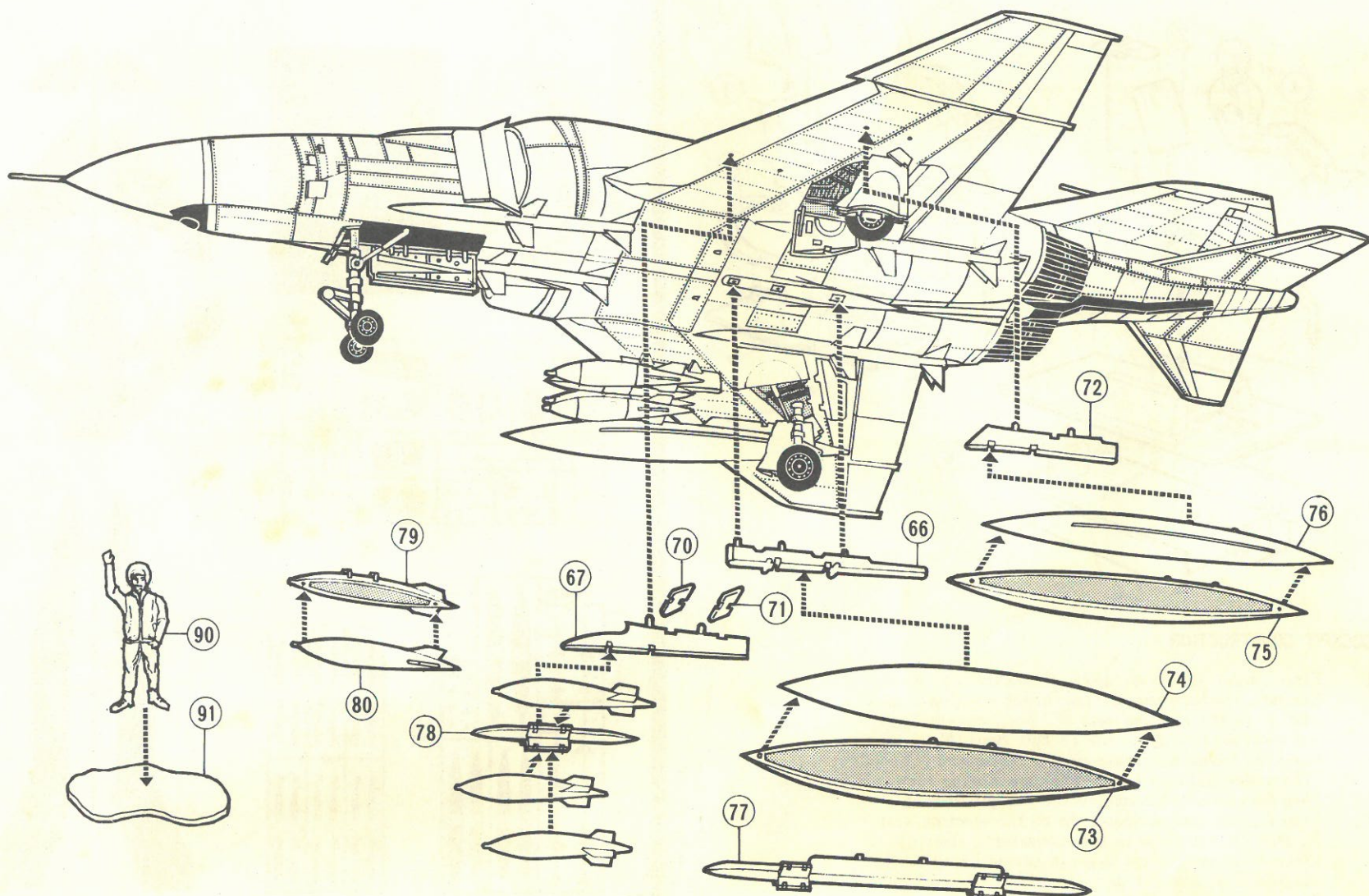
CANOPY AND WING CONSTRUCTION

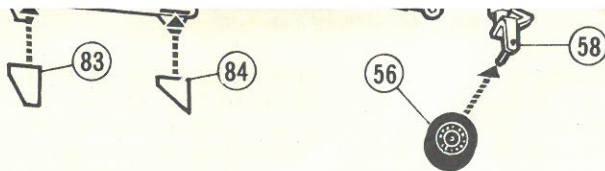
9. Cement small air intake 30, air intake 31, forward instrument panel 32, arresting hook 33 and pitot tube 34 to the fuselage as shown.
10. Cement after canopy hinge 35 to the jettisonable after canopy 36, forward canopy hinge 38 to the jettisonable forward canopy 39. Set aside and allow to dry completely. Cement center canopy 37 into place as shown.
11. Insert flaps 44, 45 between right lower wing 41 and right upper wing 42, then cement two wing halves together allowing flaps to move freely.
12. Follow same procedure as step 11 for left wing assembly.



NOSE & MAIN WHEEL CONSTRUCTION

12. Slide nose wheels ④⑧ on the nose gear strut shaft ④⑨ from both sides, then lightly flatten top of shaft with a heated screw driver. Cement torque link ⑤⑩ to the front of nose gear strut ④⑨.
13. Insert and cement the nose gear strut ④⑨ into the hole of cockpit floor ⑤ then cement nose gear retraction actuator ⑤⑤ to them as shown.
14. Cement spot light ⑤② and landing light ⑤③ to the nose gear front cover ⑤① then cement assembled unit to nose gear strut. Cement nose gear door ⑤④ to the edge of nose gear wheel well as shown.
15. Slide main wheel ⑤⑥ on the main landing gear strut shaft ⑤⑧ then flatten top of shaft lightly with a heated screw driver. Cement main landing gear strut ⑤⑧ to the hole of main landing gear well, then cement main gear retraction actuator ⑤⑨ to main strut and wheel housing.
16. Fit right main landing gear strut same as step 15 using parts ⑤⑦⑤⑥⑤⑨.
17. Cement left main gear cover ⑥①, main gear auxiliary cover ⑥③, main wheel door ⑥⑤ to the place as shown.
18. The same way as step 17, cement the main gear covers ⑥②⑥④ to the right side of gear well.
19. Take 4 AIM-7E sparrow AAM missiles ⑧② with sparrow's forward wing ⑧③ after wing ⑧④ then cement them to the 4 places on fuselage.

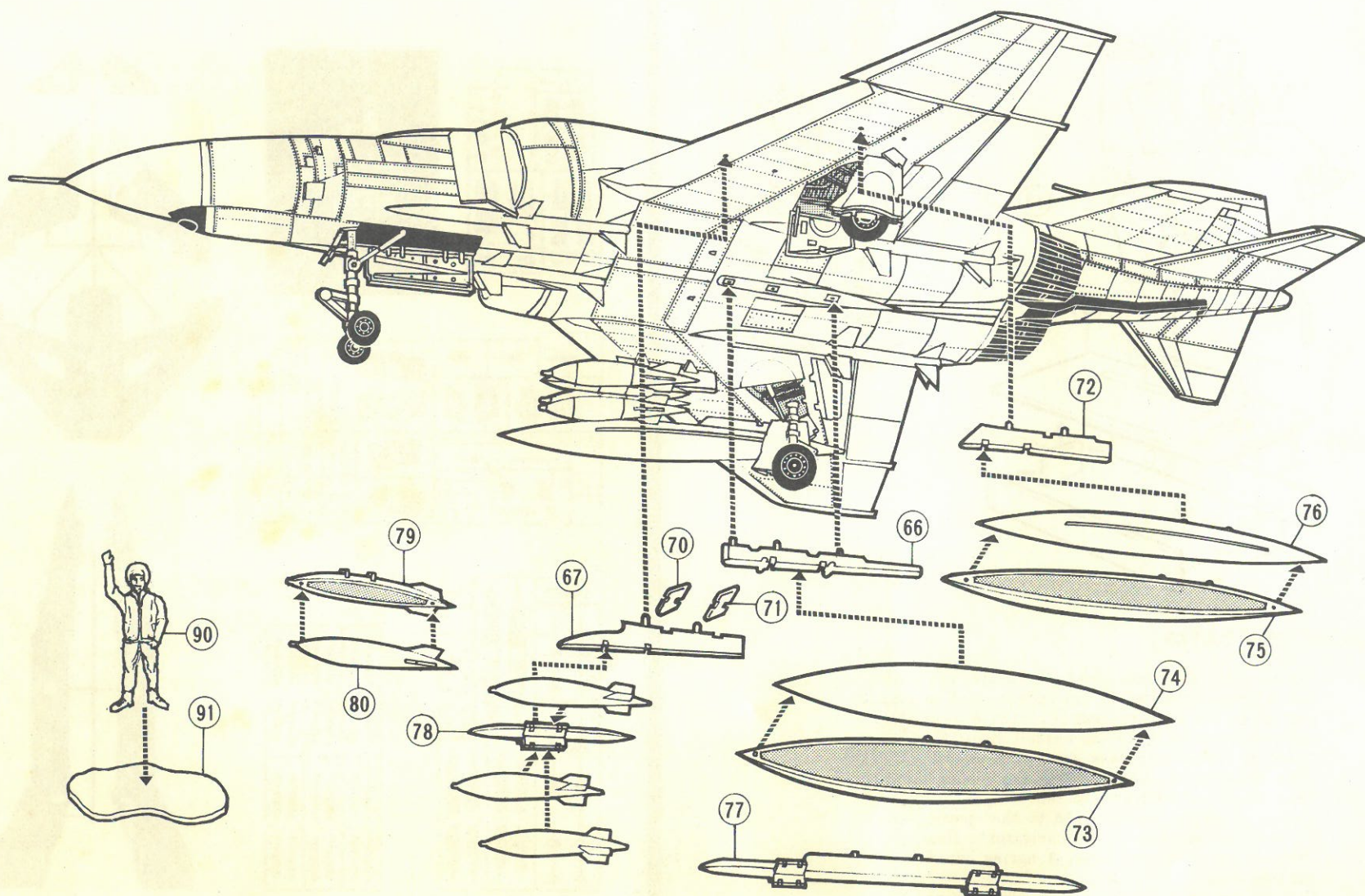




NOSE & MAIN WHEEL CONSTRUCTION

12. Slide nose wheels 48 on the nose gear strut shaft 49 from both sides, then lightly flatten top of shaft with a heated screw driver. Cement torque link 50 to the front of nose gear strut 49.
13. Insert and cement the nose gear strut 49 into the hole of cockpit floor 5 then cement nose gear retraction actuator 55 to them as shown.
14. Cement spot light 52 and landing light 53 to the nose gear front cover 51 then cement assembled unit to nose gear strut. Cement nose gear door 54 to the edge of nose gear wheel well as shown.
15. Slide main wheel 56 on the main landing gear strut shaft 58 then flatten top of shaft lightly with a heated screw driver. Cement main landing gear strut 58 to the hole of main landing gear well, then cement main gear retraction actuator 59 to main strut and wheel housing.
16. Fit right main landing gear strut same as step 15 using parts 57, 56, 59.
17. Cement left main gear cover 61, main gear auxiliary cover 63, main wheel door 65 to the place as shown.
18. The same way as step 17, cement the main gear covers 60, 62, 64 to the right side of gear well.
19. Take 4 AIM-7E sparrow AAM missiles 82 with sparrow's forward wing 83 after wing 84 then cement them to the 4 places on fuselage.

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EQUIPMENT

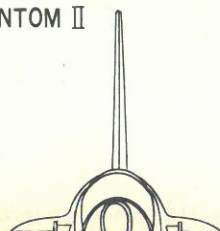
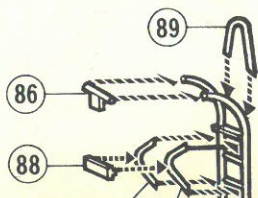
There are many ways to equip the model. Shown below is one example which is equipped with the drop tanks and 750 LB bombs.

20. First cement central pylon 66 to the center of fuselage bottom. Put 600 gallon drop tank right 73 and left 74 together, then cement it to pylon 66.
21. As shown, cement pylon parts 70, 71 to the inside pylon 67, then cement entire assembly to the left wing. Cement wing bomb rack 78 on the pylon 67. Make six 750 LB bombs putting bomb parts 79 and 80 together, then fit them to the wing bomb rack 78.
22. The same way as step 21, equip the arms to the left wing.
23. Fit outside pylon 72 to the wing. Put bomb parts right 75 and left 76 together to make 370 LB drop tank, then fit it to the pylon 72. The center bomb rack 77 is used when 750 LB bomb is installed.
24. Stand mechanic 90 on the mechanic's base 91.

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LADDER CONSTRUCTION.

ARMS VARIATION OF F-4E PHANTOM II



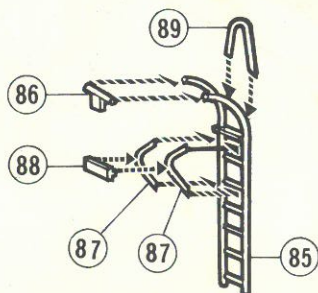
EQUIPMENT

There are many ways to equip the model. Shown below is one example which is equipped with the drop tanks and 750 LB bombs.

20. First cement central pylon (66) to the center of fuselage bottom. Put 600 gallon drop tank right (73) and left (74) together, then cement it to pylon (66).
21. As shown, cement pylon parts (70) (71) to the inside pylon (67), then cement entire assembly to the left wing. Cement wing bomb rack (78) on the pylon (67). Make six 750 LB bombs putting bomb parts (79) and (80) together, then fit them to the wing bomb rack (78).
22. The same way as step 21, equip the arms to the left wing.
23. Fit outside pylon (72) to the wing. Put bomb parts right (75) and left (76) together to make 370 LB drop tank, then fit it to the pylon (72). The center bomb rack (77) is used when 750 LB bomb is installed.
24. Stand mechanic (90) on the mechanic's base (91).

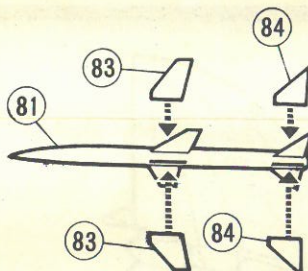
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LADDER CONSTRUCTION.

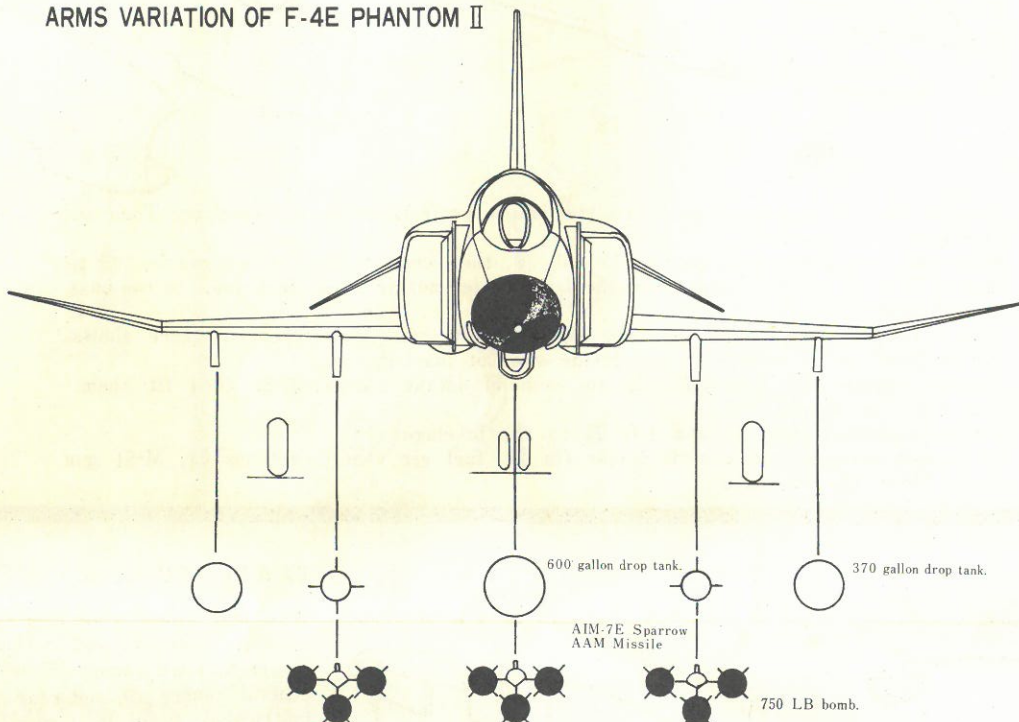


Paint the ladder indigo from bottom to the 3 rungs, then paint the rest yellow. Hang it on the left side of cockpit.

SPARROW CONSTRUCTION.



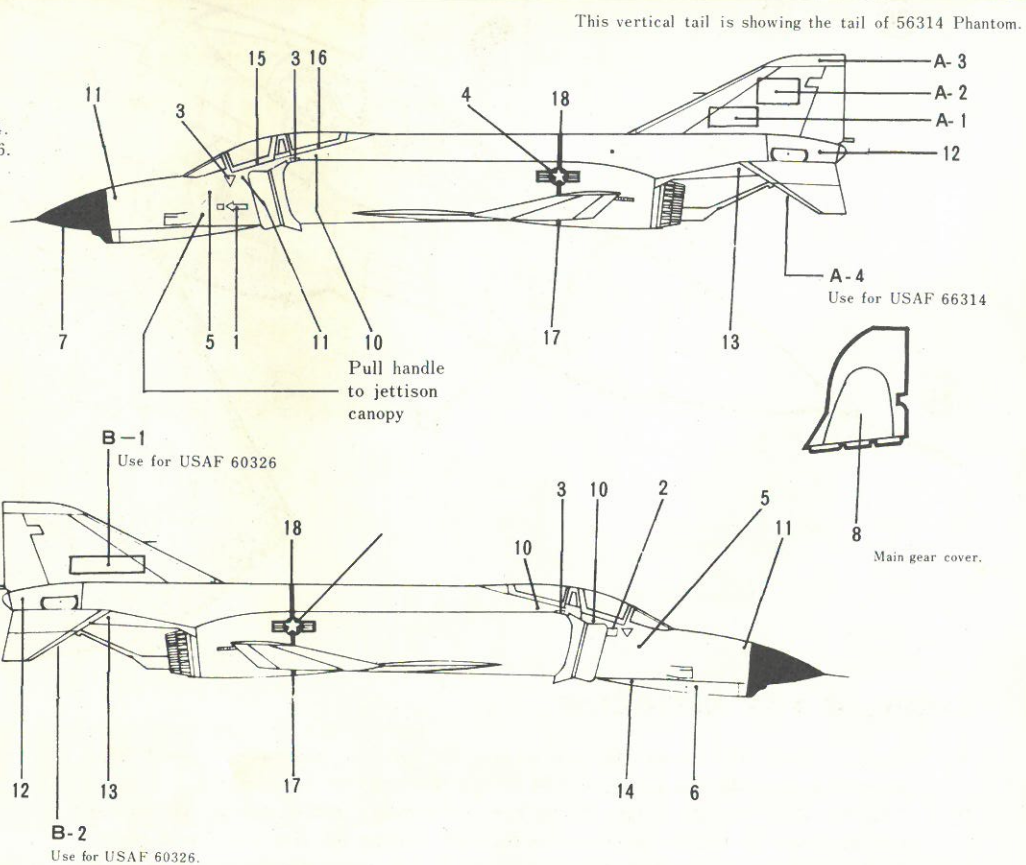
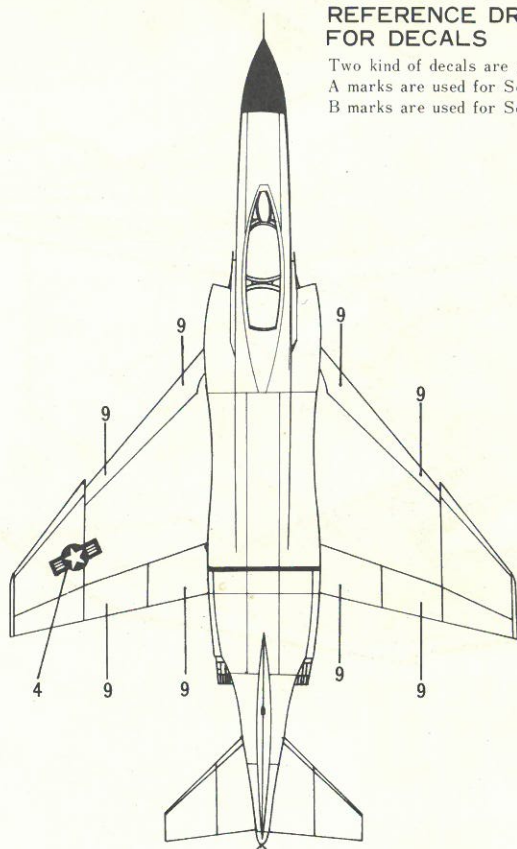
ARMS VARIATION OF F-4E PHANTOM II



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REFERENCE DRAWING FOR DECALS

Two kind of decals are prepared. A marks are used for Serial No.66314. B marks are used for Serial No.60326.



F-4E PHANTOM DECAL MARKINGS GUIDE