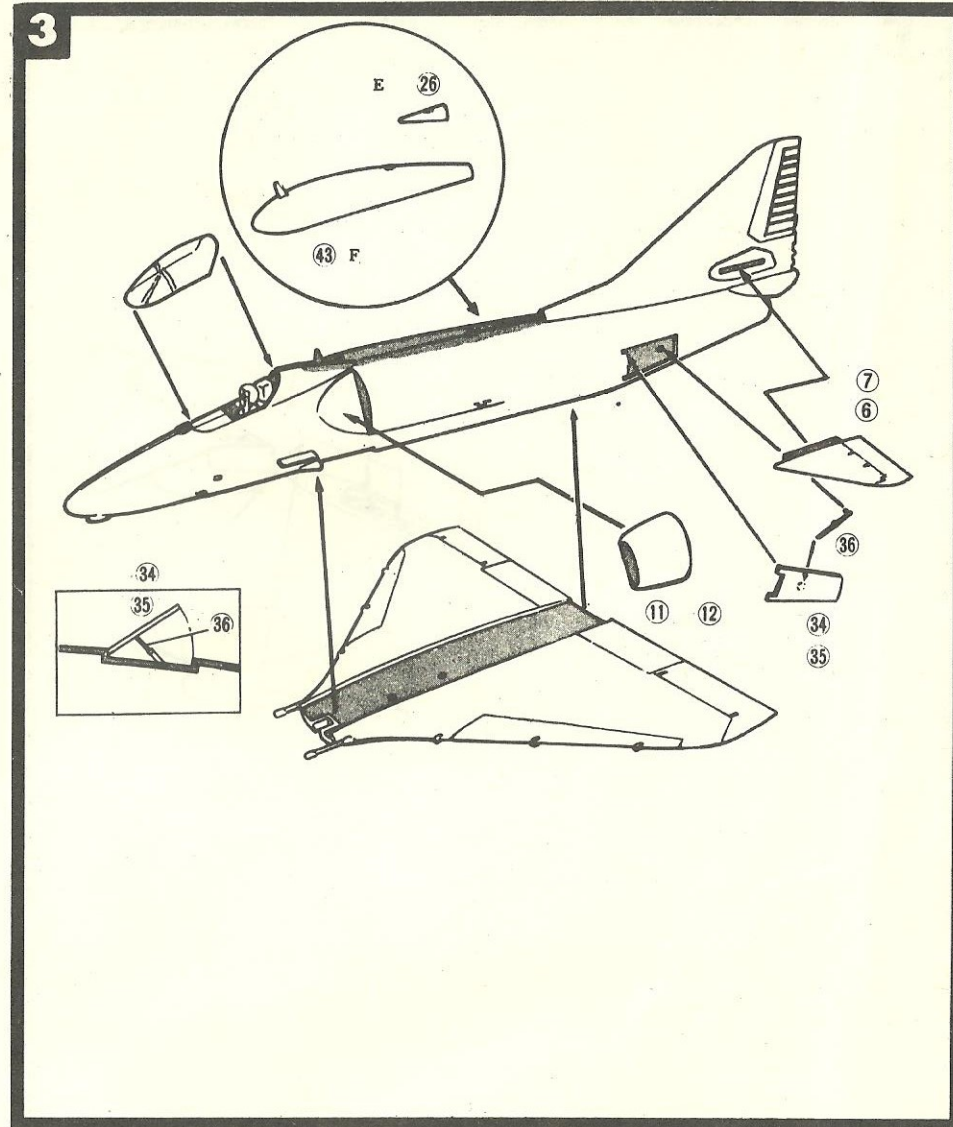


McDONNELL-DOUGLAS A-4F SKYHAWK HISTORY

In 1950, the U.S. Navy issued a requirement for a carrier-based attack bomber with the ability to deliver nuclear or conventional weapons. Maximum loaded weight was not to exceed 30,000 lbs.

When the first Douglas A4D-1 was flown on June 22, 1954, it exceeded, in most cases, the Navy's requirements yet it weighed exactly half the maximum permissible weight. The Douglas design team, lead by Ed Heineman, stressed simple construction with a strict weight control program. The little Skyhawk soon proved the worth of its design by setting an international speed record of 695.127 mph on a closed circuit course of 500 km. On October 26, 1956, "Heineman's Hotrod" joined the Navy with Attack Squadron VA-72.

The F model of the A-4, as it is now designated, first flew in August, 1966, and features a zero-

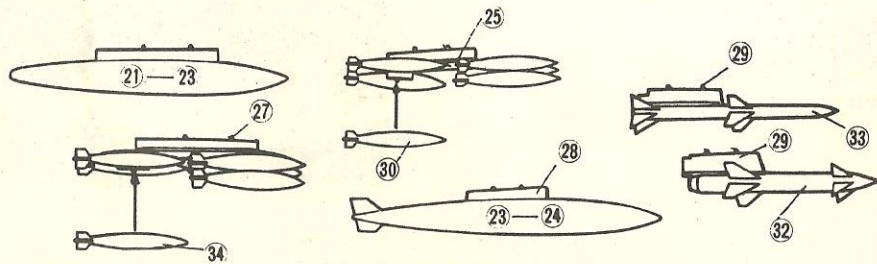
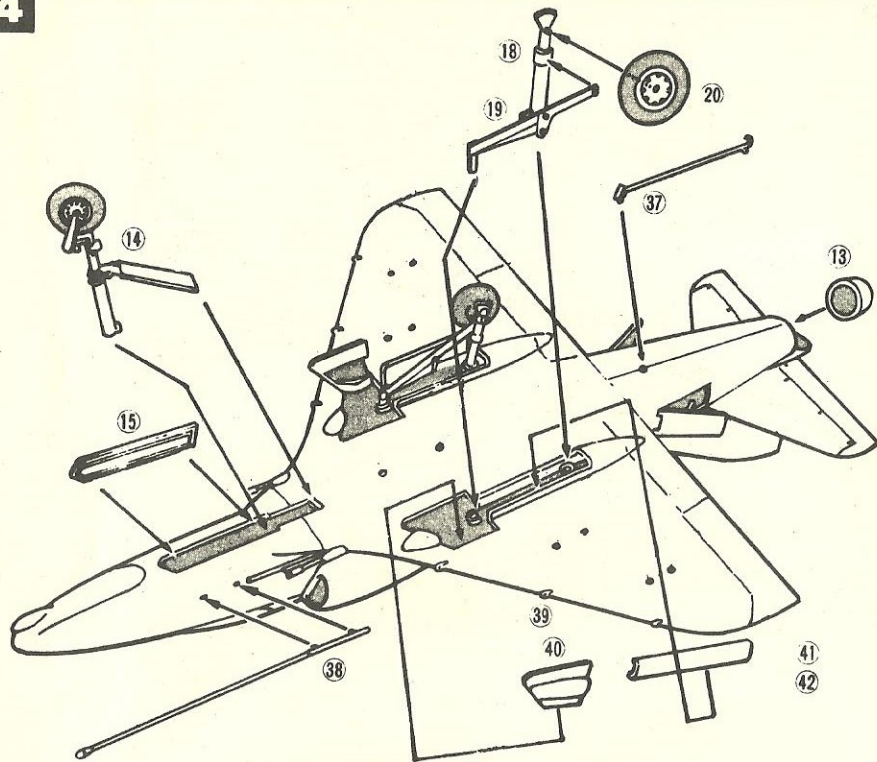


McDONNELL-DOUGLAS A-4F SKYHAWK

MINICRAFT
MODELS, INC.



DISTRIBUTED BY: **MINICRAFT MODELS, INC.**
1502 W. 228th ST., TORRANCE, CALIF. 90501



zero ejection seat and the newest in avionics. A bulging electronics dome on the top of the fuselage is the most distinguishing feature of the A-4F.

The Skyhawk is a veteran of the Vietnam war and its small size and ruggedness have led to a very low loss rate. Some A-4's are outfitted with passive electronic countermeasures equipment and homing radar. These planes are used in the role of lead plane for Navy and Air Force strikes against SAM missile sites.

McDONNELL-DOUGLAS A-4F SKYHAWK CHARACTERISTICS

Wingspan - 27 feet, 6 inches

Length - 42 feet, 10-3/4 inches

Engine - One Pratt & Whitney J52 Turbojet with 9,300 lbs. thrust

Top Speed - 675 mph (Mach 0.88)

Service Ceiling - 35,000 feet

Weight - Empty, 9,937 lbs.; maximum, 27,420 lbs.

Armament - Two 20mm MK-12 cannon mounted in wing roots. Up to 11,800 lbs. of ordinance may be carried on five pylons. A typical weapons load includes six 500 lb. bombs on center pylon, two Bullpup missiles and twelve 250 lb. bombs under the wings. The Skyhawk also can carry Zuni and Sidewinger missiles as well as napalm tanks.

DOUGLAS A-4 SKYHAWK ASSEMBLY INSTRUCTIONS

- STEP 1:**
1. Cement pilot (10) to seat (9). Cement seat to cockpit floor (8).
 2. Cement edge of floor (8) to ledge inside right fuselage side (2).
 3. Cement left fuselage side (1) to right fuselage side (2).
- STEP 2:**
1. To lower wing section (3) cement upper left wing (4) and upper right wing (5).
- STEP 3:**
1. Cement wing assembly from step 2 to fuselage assembly.
 2. Cement right air scoop (11) and left air scoop (12) to fuselage sides.
 3. Cement right stabilizer (6) and left stabilizer (7) to slots in rudder as shown.
 4. You may build either the A-4E or A-4F version of the Skyhawk from this kit.
For the A-4E, cement part (26) to front of tail fin.
For the A-4F, cement part (43) to top of fuselage and discard part (26).
 5. Cement cockpit canopy in place.
 6. Speed brakes may be cemented open or closed.
Open-cement strut (36) to speed brakes, right (34) and left (35), as shown in detail.
Closed-cement speed brakes into fuselage sides. Discard parts (36).
- STEP 4:**
1. Cement nose gear (14) into nose wheel well. Strut door cements to ledge on wing as shown.
 2. Assemble left main landing gear by cementing one wheel (20) to left strut (16) and left actuator (17). Cement unit into left wheel well. Repeat with parts (20), (18) and (19) for right main gear and cement into right wheel well.
 3. Cement nose gear door (15) in place as shown. Now cement left main wheel door (39) and right door (40) to outside edge of wheel well. Cement left strut door (41) and right strut door (42) in place as shown.
 4. Cement tail pipe (13) to rear of fuselage.
 5. A variety of weapons can be carried by the Skyhawk. Your model may be built with a choice of bombs and missiles located as follows:
 - A. Fuselage centerline - fuel tank. Cement parts (21) and (22) together and cement to locators on center of wing OR 500 lb. bombs. Cement six 500 lb. bombs (31) to centerline rack (27) and cement to locators on center of wing.
 - B. Inboard wing stations - fuel tanks. Cement parts (23) and (24) together to make two tanks. Cement one part (28) to each tank and cement to inboard locators OR 250 lb. bombs. Cement six 250 lb. bombs (30) to each bomb rack (25) and cement to inboard wing stations.
 - C. Outboard wing stations - Sparrow missiles. Cement Sparrows (33) to pylons (29) and cement to outboard locators OR Bullpup missiles. Cement Bullpups (32) to pylons (29) and cement to outboard locators.
 6. Cement refueling probe (38) to fuselage side and arresting hook (37) to bottom of fuselage as shown.

COLOR SUGGESTIONS FOR A-4 SKYHAWK

GRAY - All upper surfaces except ailerons and elevators

WHITE - All lower surfaces and top of ailerons and elevators, landing gear struts, pylons, tanks and missiles

BLACK - Anti-glare panel, tires

OLIVE DRAB - Bombs

GREEN - Pilot's suit