

# **ADVENI**

## MARTIN **B-57B** INTRUDER

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The Martin B-57B joined the U.S. Air Force in 1955, and by 1964 this British designed bomber was in the forefront of the USAF. As a low-level ground support bomber, the Intruder is outstanding. It can carry 5,000 lbs, of bombs on a rotary bomb bay door, and 3,000 additional lbs. of underwing weapons.

The Intruder is one of the few American combat planes to be designed in a foreign country. While the British were testing the English Electric Canberra, the U.S. Air Force was attracted by the performance of this light bomber. The Canberra's thick, stubby wings, with the engines nearly buried inside them, were just the opposite of traditional American Engineering ideas. But its performance was exactly what the U.S. Air Force wanted.

The B-57's teardrop canopy replaces Canberra's "fish bowl" type; otherwise, the Martin version of the Canberra differs little on the outside from its British parent. However, the interior structure has been greatly strengthened for ground attack operations.

Many B-57's have been modified into very high altitude reconnaissance planes by increasing the wingspan to 122 feet, more than twice the original span of the bomber. These versions are used in weather and strategic observation missions. Other versions of this remarkably versatile aircraft are used as trainers and for target-towing.

#### MARTIN B-57B INTRUDER SPECIFICATIONS

DIMENSIONS:

Wingspan – 64 feet Length – 65 feet 6 inches

POWERPLANT:

Two Wright J65-W-5 7,200 lb. thrust engines

PERFORMANCE:

Maximum Speed: 580 mph Range: 2,300 miles

Service Ceiling: 48,000 feet

ARMAMENT:

Two 20 mm cannon 8,000 lbs. of bombs

### GET YOUR TOOLS READY:



PARTS FILE **EXCESS** 



TWEEZERS PICK UP AND HOLD



TAPE AND CLOTHES PINS TO CLAMP AND HOLD PARTS UNTIL THEY ARE DRY

★ ★ ★ BEFORE YOU BEGIN ★ ★ ★



CEMENT USE TOOTHPICK PAINT BRUSH



DO NOT DETACH PARTS
UNTIL YOU ARE READY
TO USE THEM!
PARTS ARE NUMBERED
TO HELP YOU FIND THEM.
LOOK FOR THE NUMBER
ON TAB NEXT TO PART
ON ON DADY ITSELE OR ON PART ITSELF

FIRST, FIT PARTS TOGETHER and TRIM EXCESS PLASTIC. THEN, APPLY CEMENT SPARINGLY. Too much cement will damage your model. Use a toothpick, pin or small paint brush to apply cement.

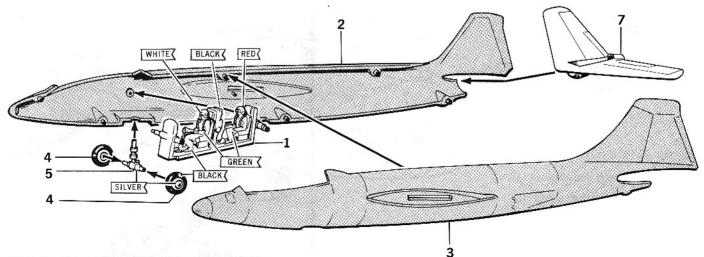
IF YOU WISH TO PAINT YOUR MODEL - See PAINTING on all steps for color suggestions.

Paint small parts before detaching from runner.

Start with the lighter colors.

Scrape off paint where cement is to be applied. Cement will not work on paint.

## PILOTS & FUSELAGE ASSEMBLY



Paint Parts (1), (4) and (5) before assembly. Use Revell Aircraft Paints.

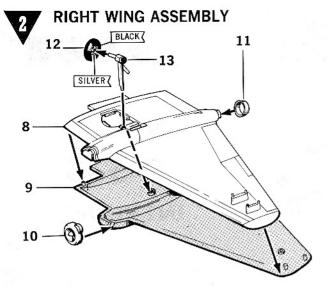
Cement PILOTS Part (1) to RIGHT FUSELAGE (2).

2. Cement LEFT FUSELAGE (3) to RIGHT FUSELAGE.
NOTE: IF YOU WISH TO MAKE AN "IN FLIGHT" VERSION SKIP THE LANDING GEAR

ASSEMBLIES AND CEMENT ALL GEAR DOORS CLOSED.

Press TWO NOSE WHEELS (4) into NOSE GEAR (5) and cement to FUSELAGE.

Cement HORIZONTAL STABILIZER (7) to FUSELAGE.

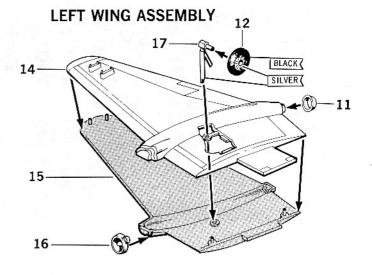


Paint Details (12), (13) and (17) before assembly.

1. Cement RIGHT WING BOTTOM (8) to TOP HALF (9).

Cement JET ENGINE INTAKE (10) and EXHAUST CAP (11) to WING.

Cement MAIN GEAR WHEEL (12) to RIGHT MAIN GEAR STRUT (13) then cement STRUT to WING.

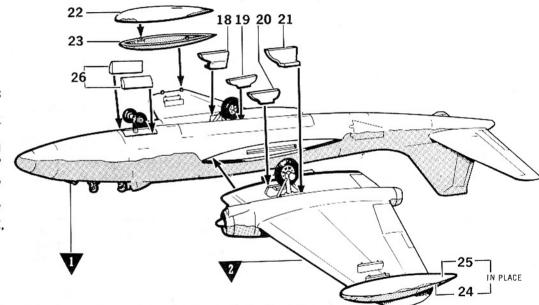


Cement LEFT BOTTOM WING (14) to TOP WING HALF (15). Cement ENGINE INTAKE (16) and EXHAUST (11) to WING.

Cement MAIN GEAR WHEEL (12) to LEFT MAIN GEAR STRUT (17) and cement to WING.

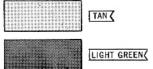


- Cement RIGHT and LEFT WING ASSEMBLIES
- from Step 2 to FUSELAGE.
  Cement LEFT WING TANK TOP (23) and BOT-TOM (22) together. Cement TANK to LEFT
- Cement RIGHT WING TANK TOP (24) and BOTTOM (25) together. Cement TANK to RIGHT WING TIP.
- Cement two NOSE GEAR DOORS (26) to FUSELAGE.
- Cement MAIN LANDING GEAR DOORS, (18), (19), (20) and (21) to WINGS.
- Paint bottom surfaces of WINGS, FUSELAGE, STABILIZERS and TANKS LIGHT GRAY.

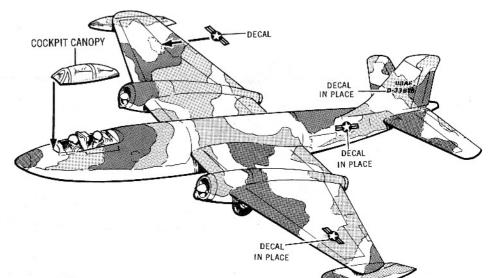




### **FINAL ASSEMBLY**



- 1. Paint TAN and LIGHT GREEN blotches on the top surfaces.
- Install DECALS following instructions on back of decal sheet.
- 3. Cement Clear COCKPIT CANOPY to FUSELAGE.



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