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A division of Sealand Imports Ltd.

48-020 NORTH AMERICAN F-82B TWIN MUSTANG

The North American P-82 Twin Mustang was the last version in the evolution of the Mustang design, and was developed to satisfy the requirement for a long range escort fighter to accompany bombers to targets in Japan.

The design concept began with the idea of mating two Mustang fuselages to a constant chord wing center section housing the six 0.50 in. machine gun armament, and a one piece horizontal stabilizer, also of constant chord. The fuselages were from the lightweight XP-51F design, lengthened 57 in. for greater directional stability. The two XP-82 acft. were equipped with standard P-51H tail sections, but production acft. featured wider vertical stabilizer units and enlarged dorsal fin fillets. The outer wing panels, with armament removed, contained fuel tanks, as did the center section. The main landing gear, located under each fuselage, retracted inwards, and was housed in the center section. The tailwheels were standard P-51 units, retracting into the aft fuselage.

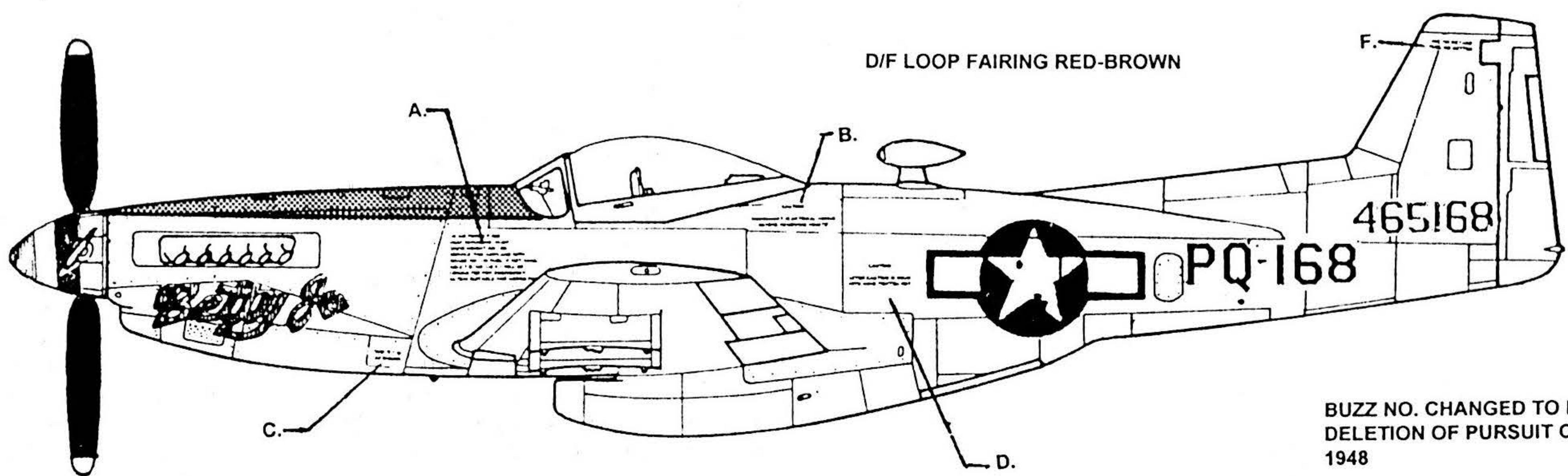
The XP-82 was powered by uprated Packard Merlin V-1650-11 and -21 engines driving opposite rotating inward turning propellers, to counter the torque. Both cockpits featured flight controls, but only the left cockpit had full instrumentation.

The first flight of the XP-82 took place on 15 April 1945, and the flight tests revealed a performance equalling the P-51D variant, with a longer operational range.

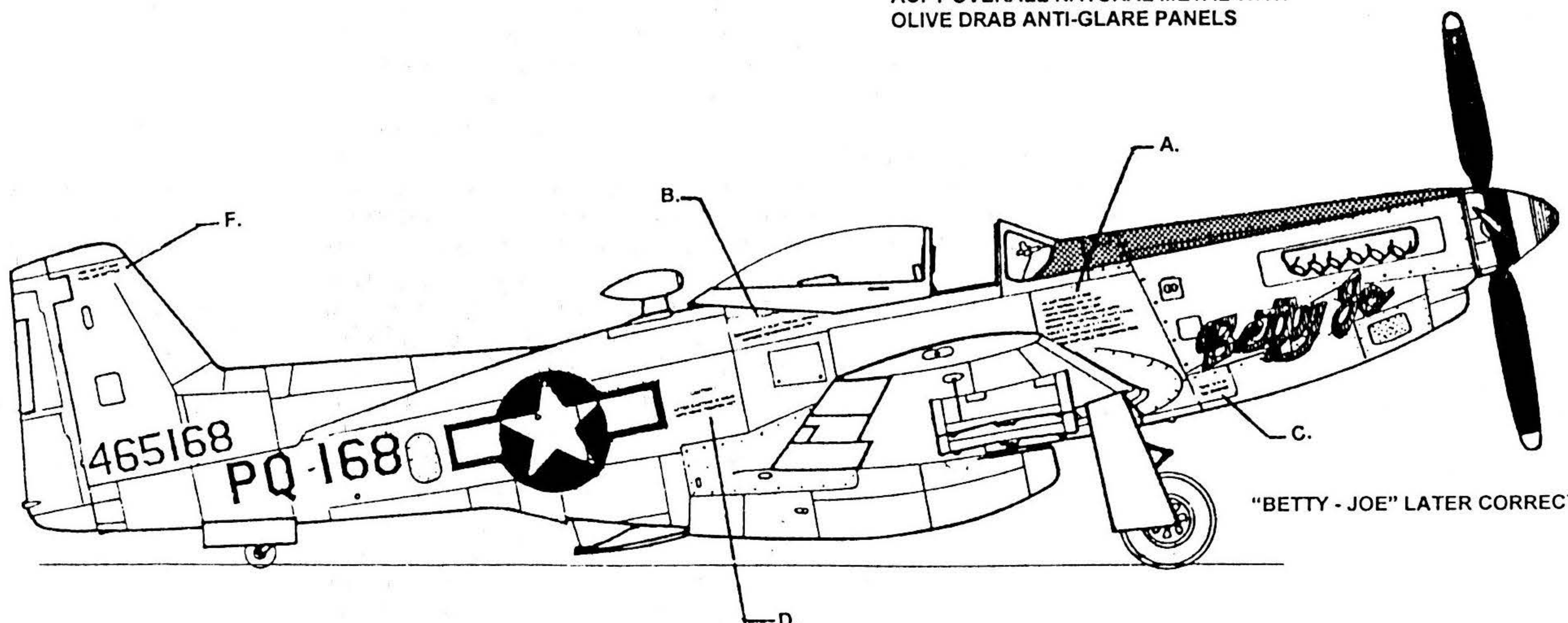
An order, based on the proposal, had been placed in March 1944 for 500 P-82 acft., a year before the flight of the XP-82. When, with the end of WWII approaching, it became apparent that production would not begin before then, the order was cut to include two of the four prototypes, and 20 acft., 18 P-82B and one each of the XP-82C and XP-82D.

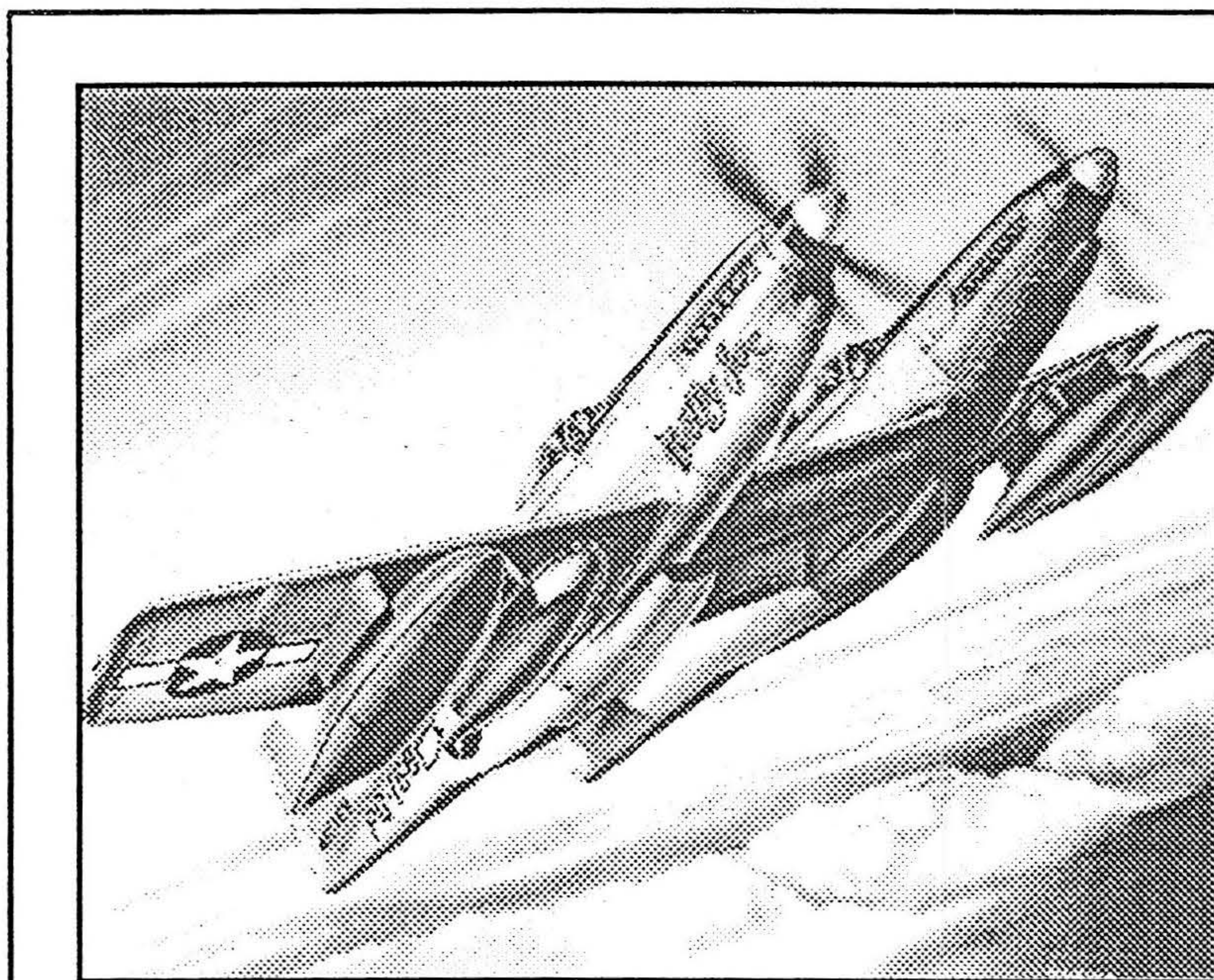
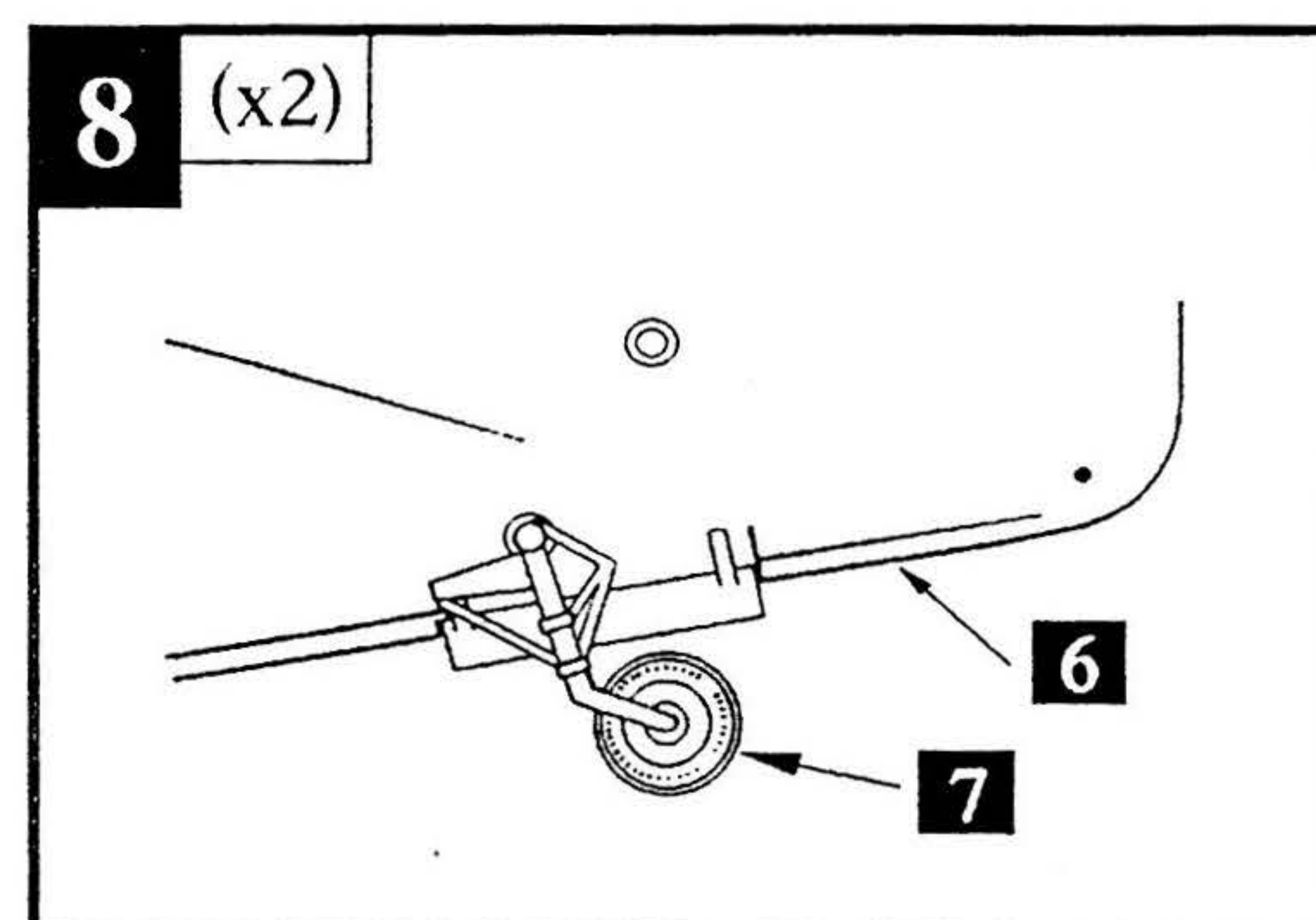
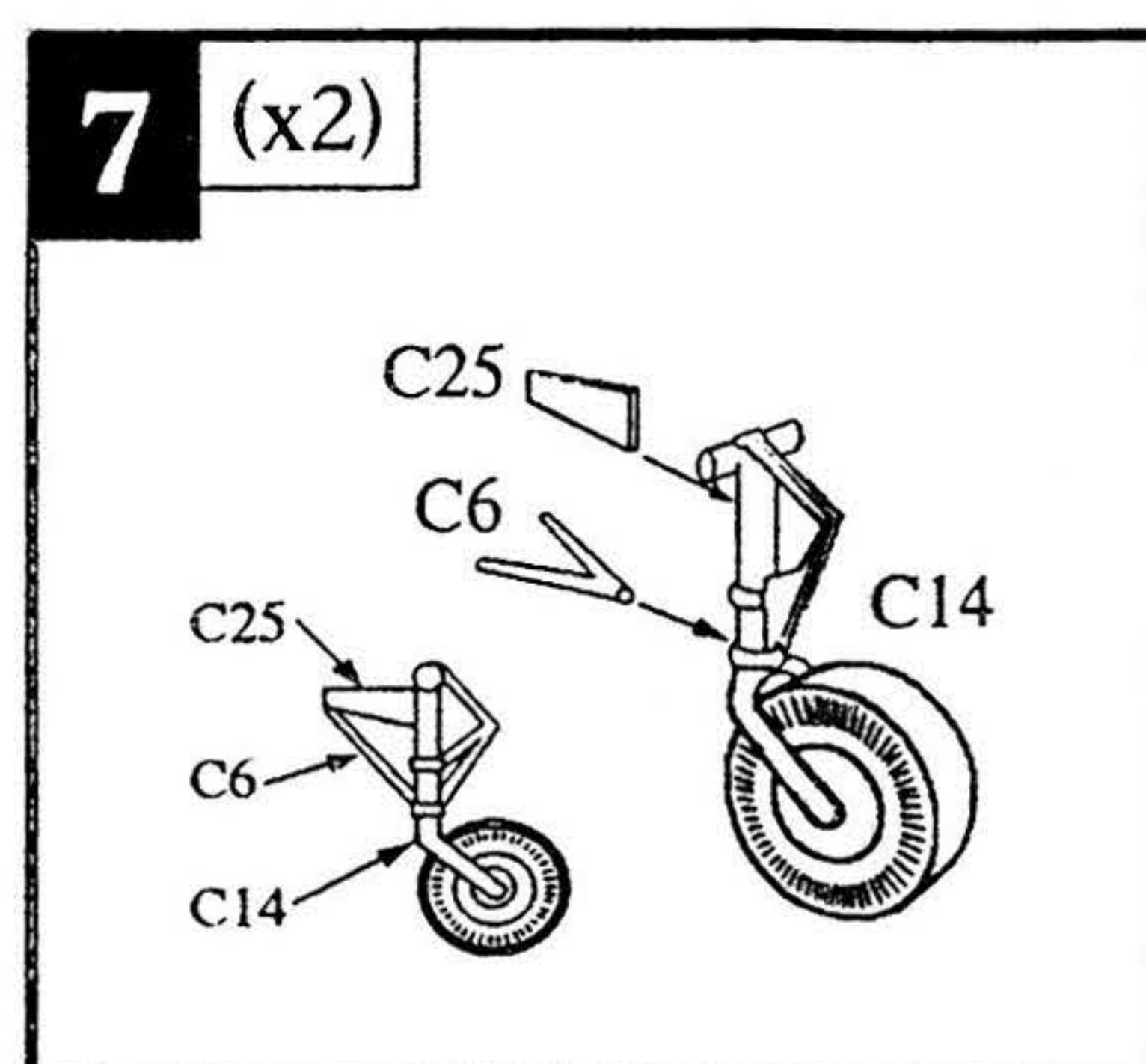
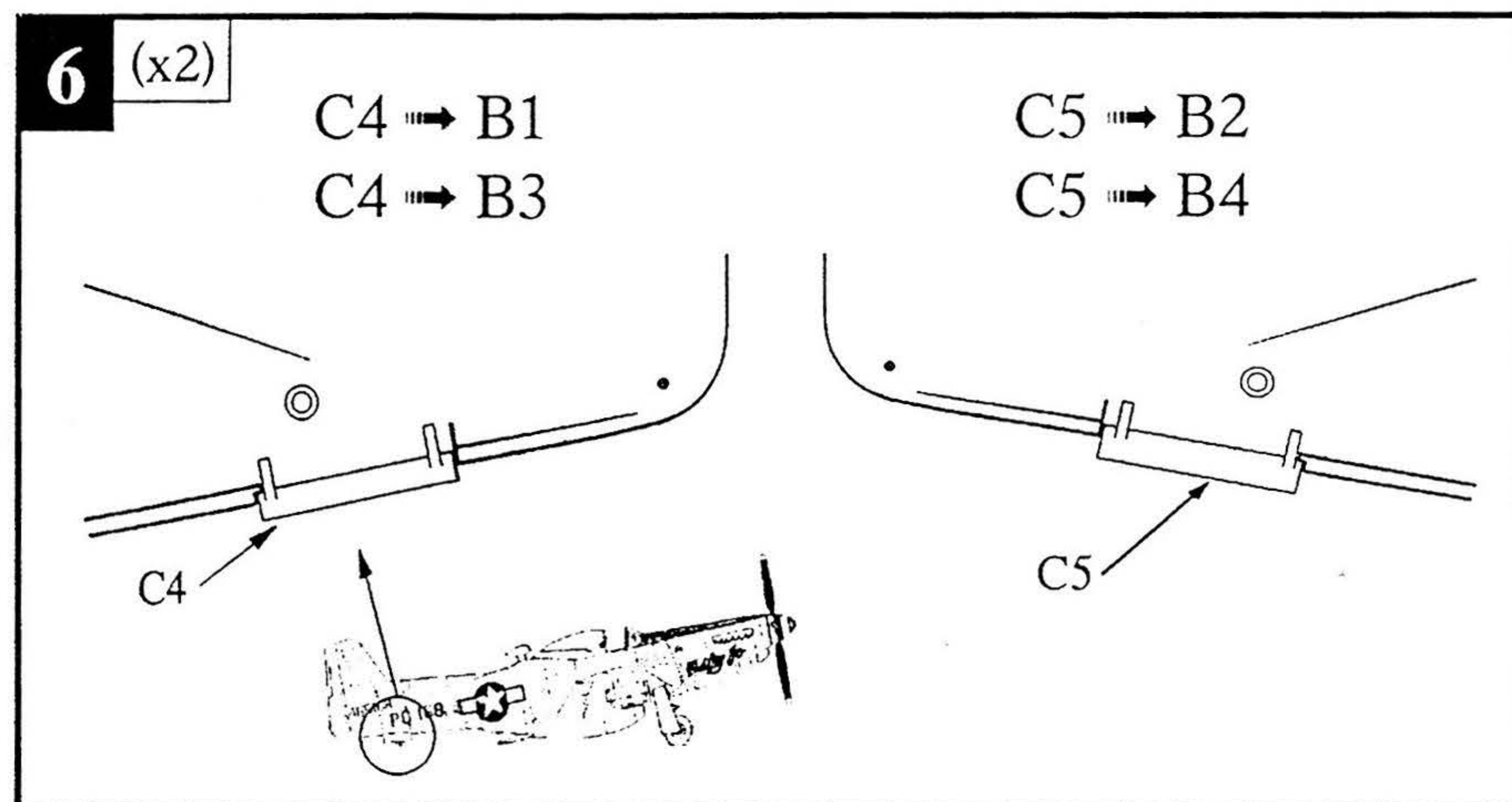
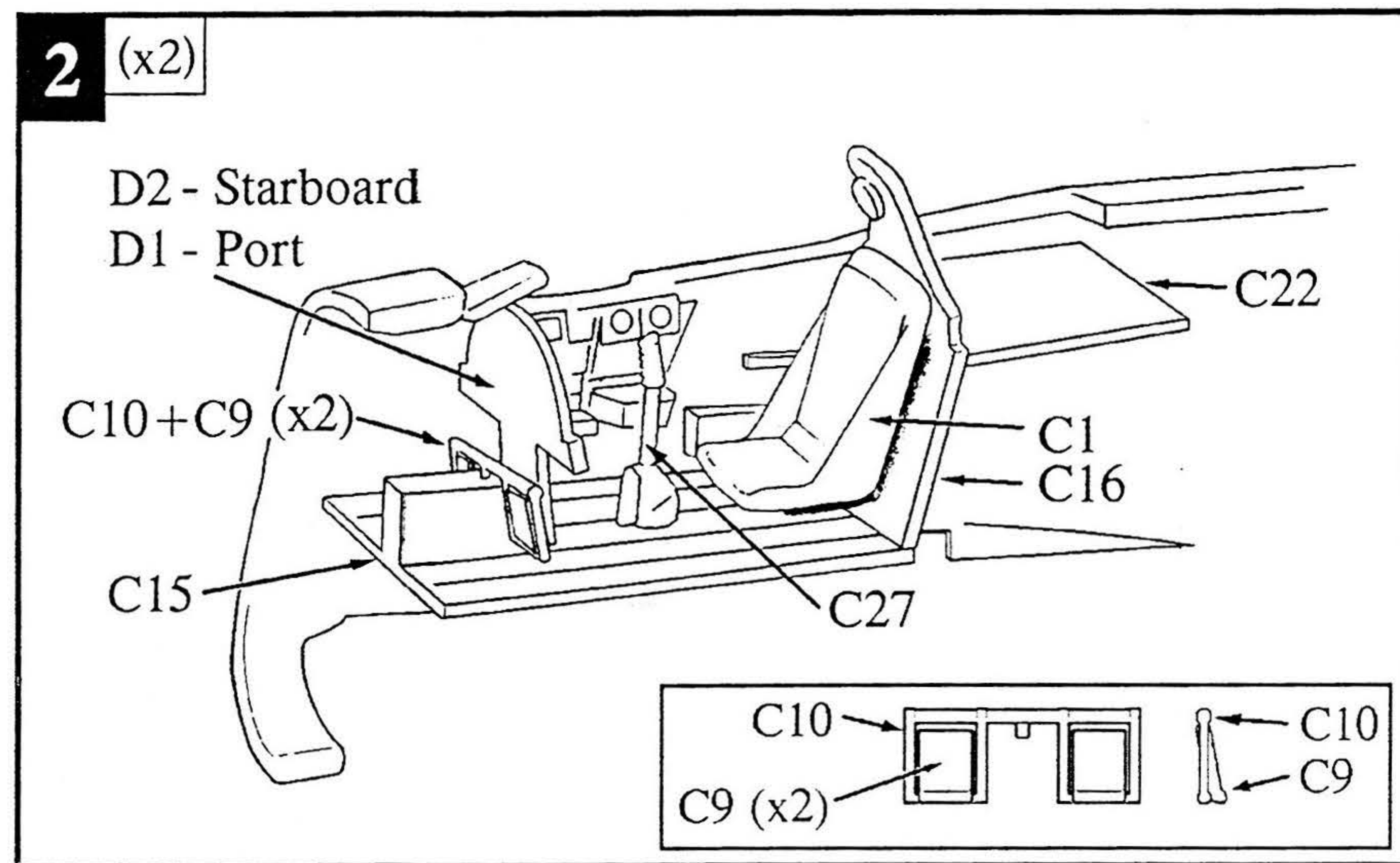
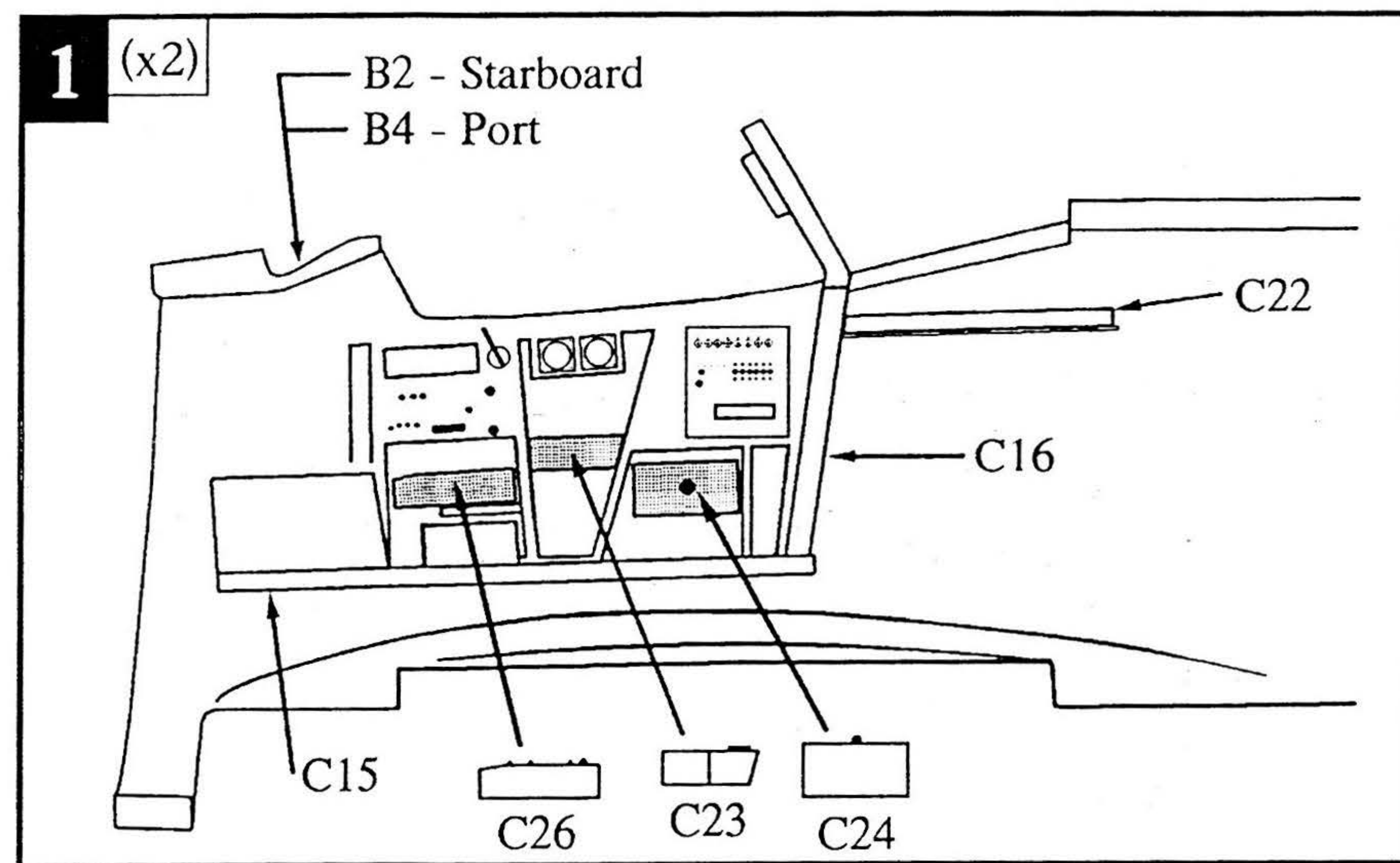
The P-82B never entered service with combat units, being used for test and training. The 4th P-82B was fitted with retractable pylons under the outer wings capable of mounting 10 HVAR each, which folded into the wing undersurface when not in use. This installation was not adopted on later models, the standard "tree" being used instead. The 13th acft. was experimentally fitted with a center wing mounted pod housing an array of recce cameras, and was assigned to the Photo Test Sqn. of the 3200th Proof Test Group at Eglin AFB, being designated, unofficially, the RF-82B (the acft. designation changed to F-82 in 1948).

In early 1947, one acft., serial no. 465168, was to achieve some measure of fame. It was fitted with extra internal fuel tanks in each fuselage aft of the pilot's seat, and four external drop tanks, a total fuel load of 2,215 U.S. gals./8,384 litres. On Feb.28, piloted by Lt. Col. Robert E. Thacker, with copilot Lt. John M. Ard, it departed Hickam Field, Hawaii, and flew non-stop 4968 miles to LaGuardia Field in New York, setting a World Distance Record. The acft., named "Betty Jo" for Lt. Col. Thacker's wife, has been preserved in the National Air and Space Museum in Washington, D.C. The markings provided in this kit represent that aircraft.



ACFT OVERALL NATURAL METAL WITH OLIVE DRAB ANTI-GLARE PANELS





F-82B Twin Mustang "Betty Jo"

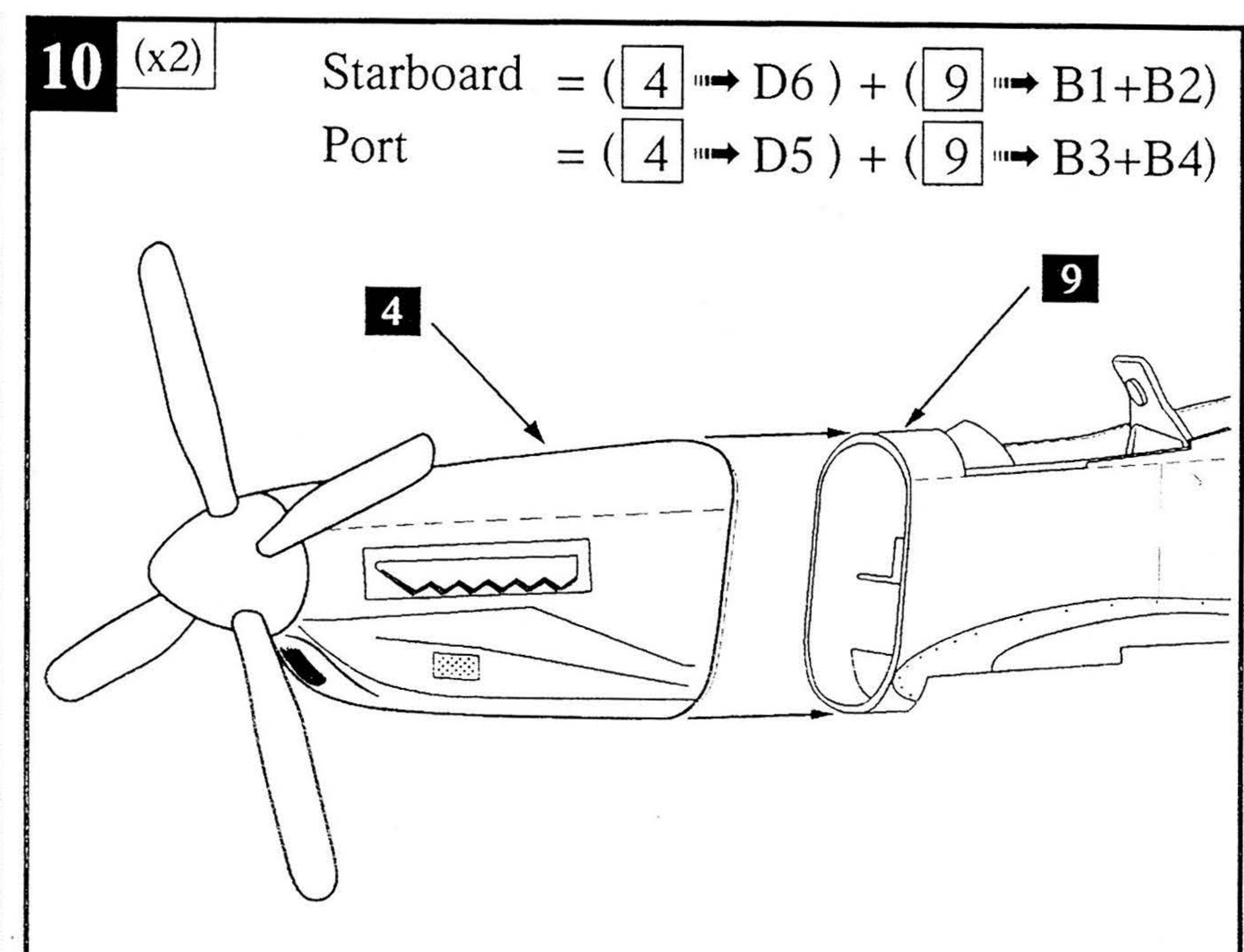
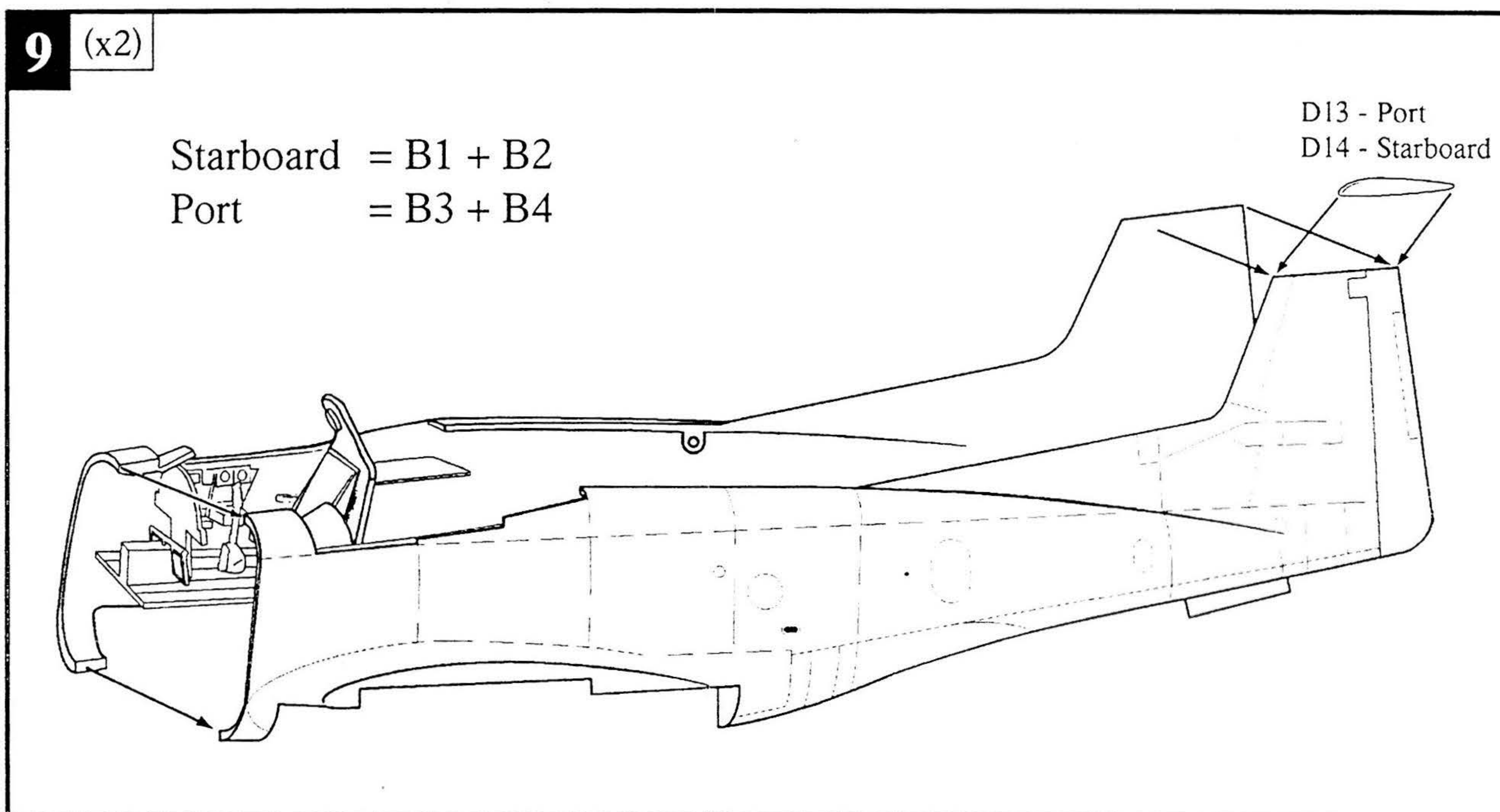
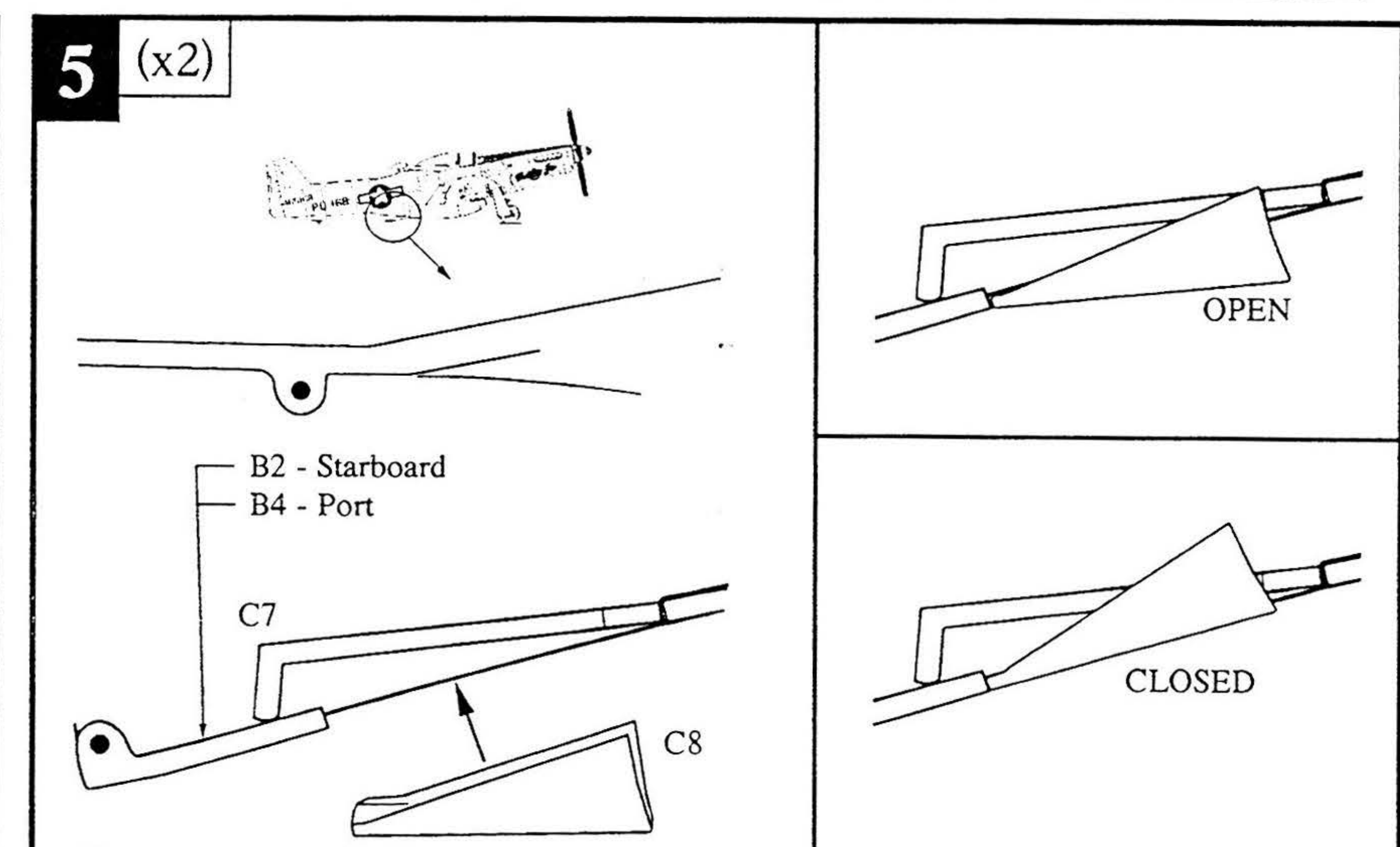
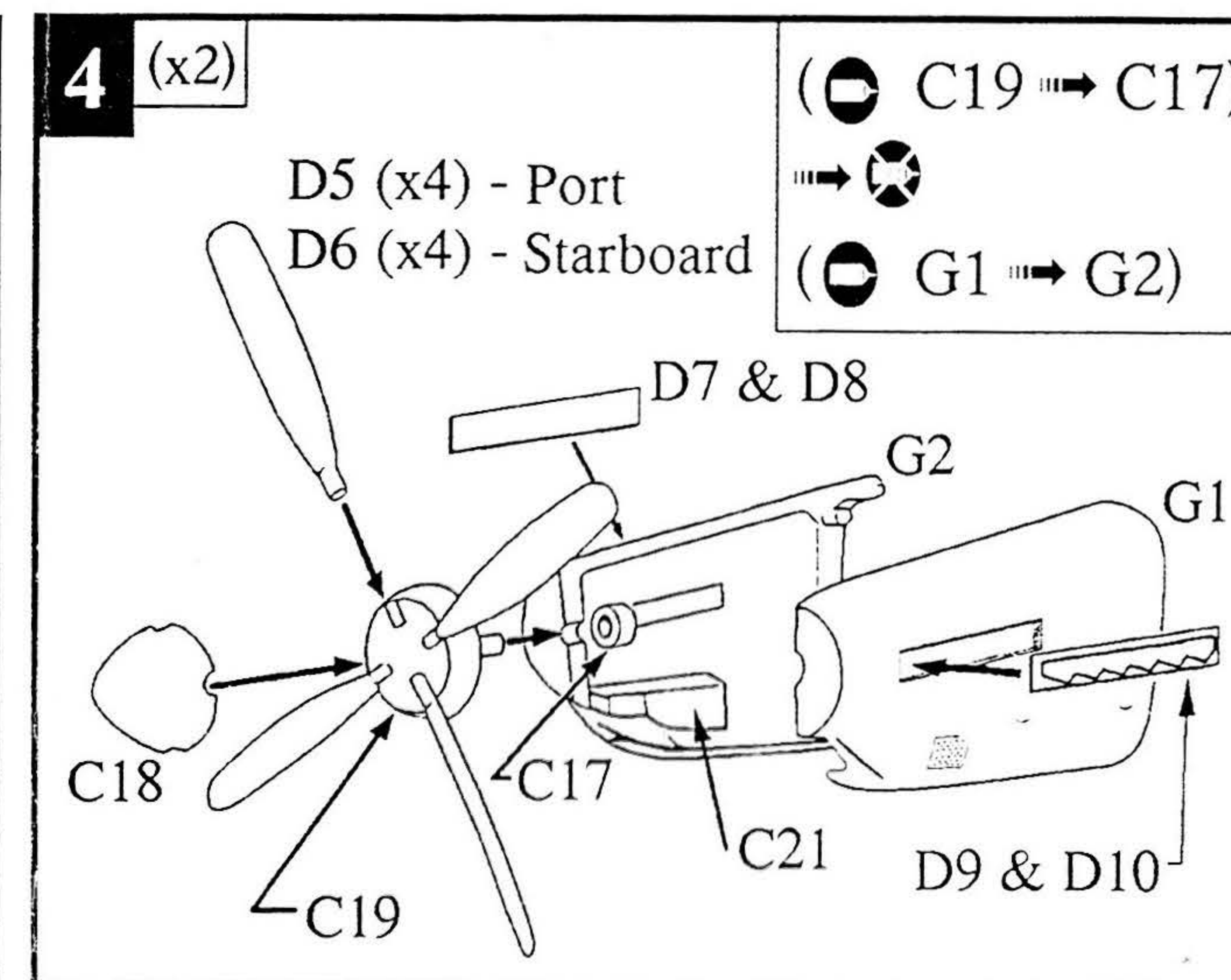
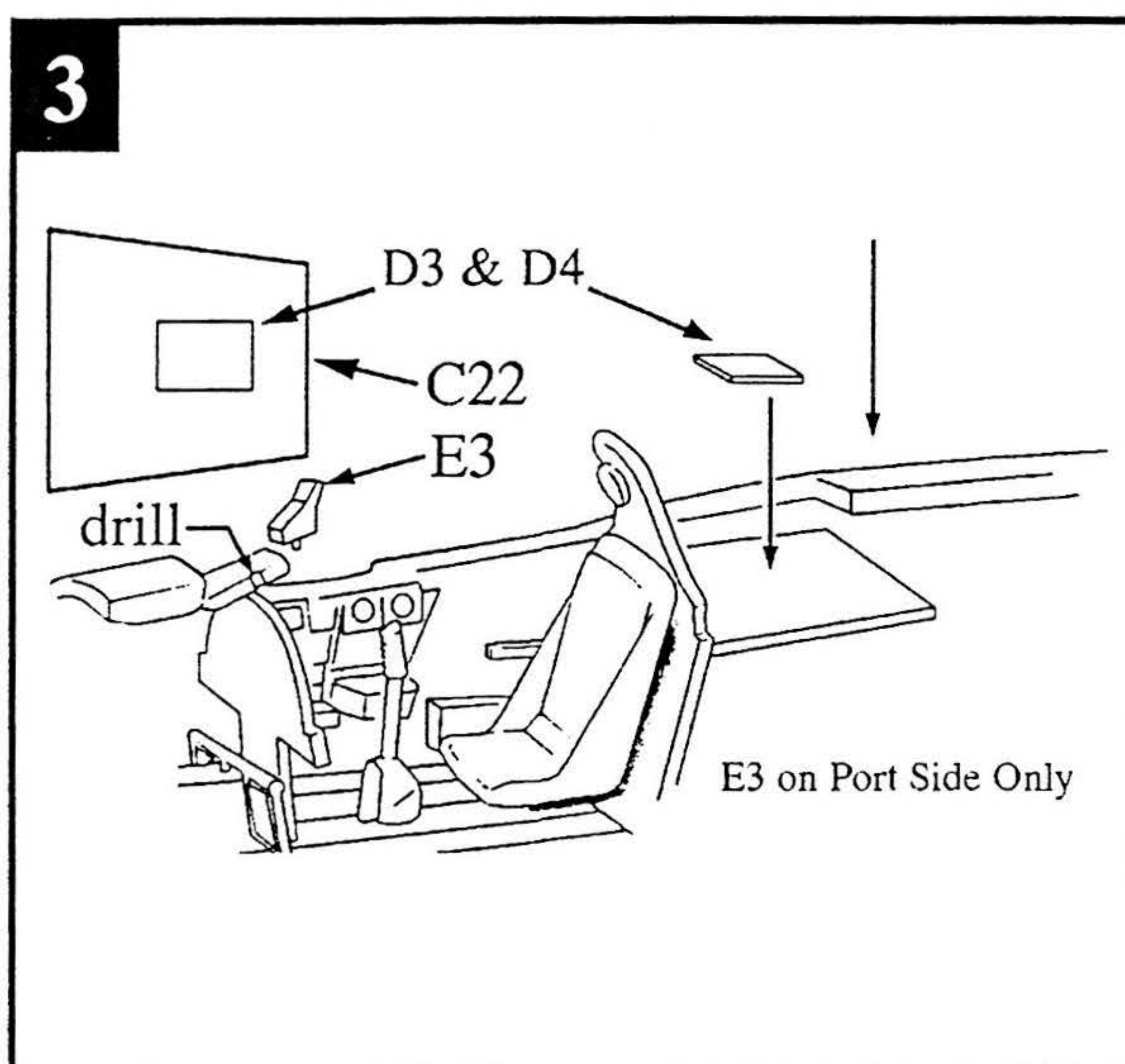
Long Range Fighter

1/48th Scale Injection Molded Kit

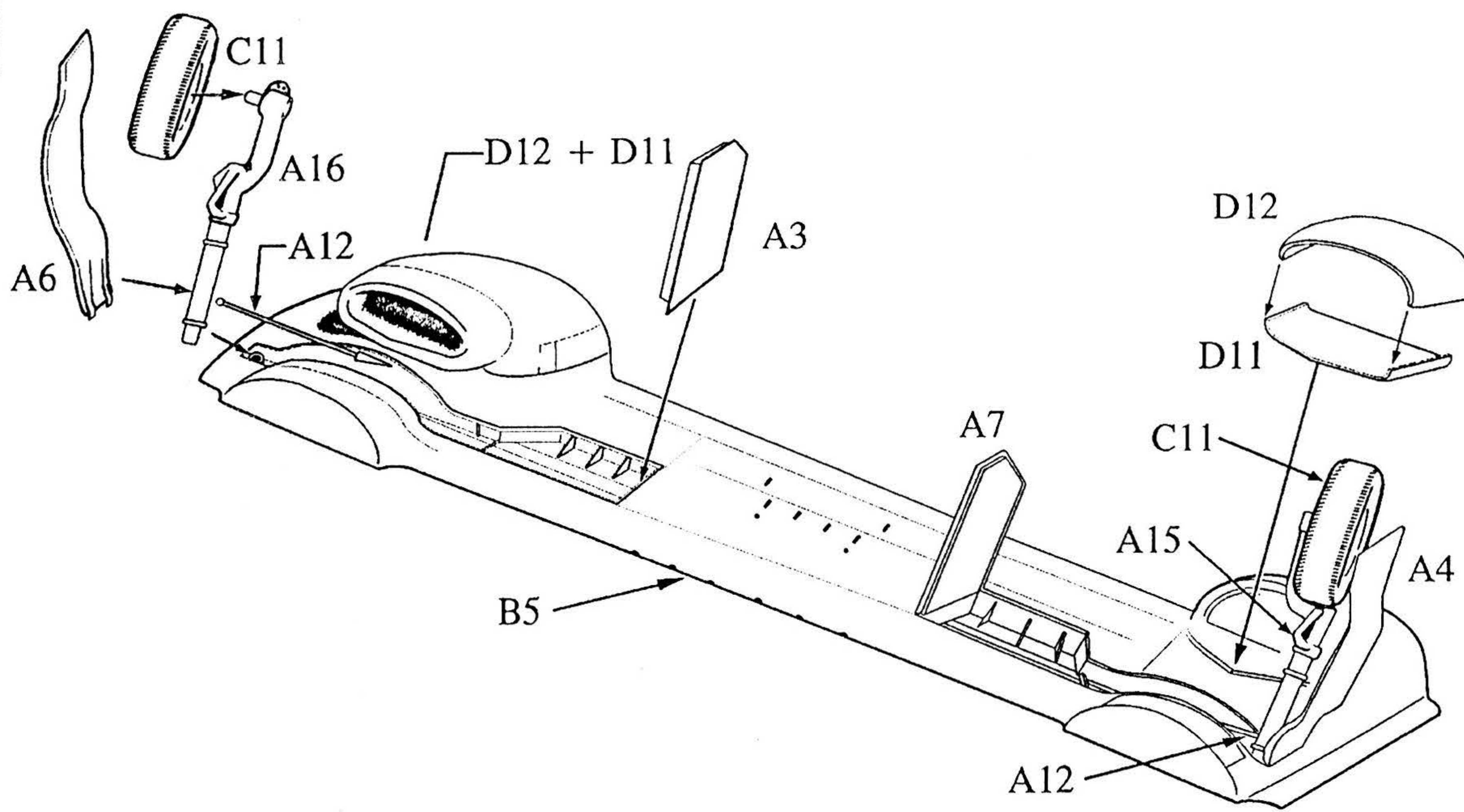
• Printed in Canada
• Molded in Czech Republic

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Aircraft:

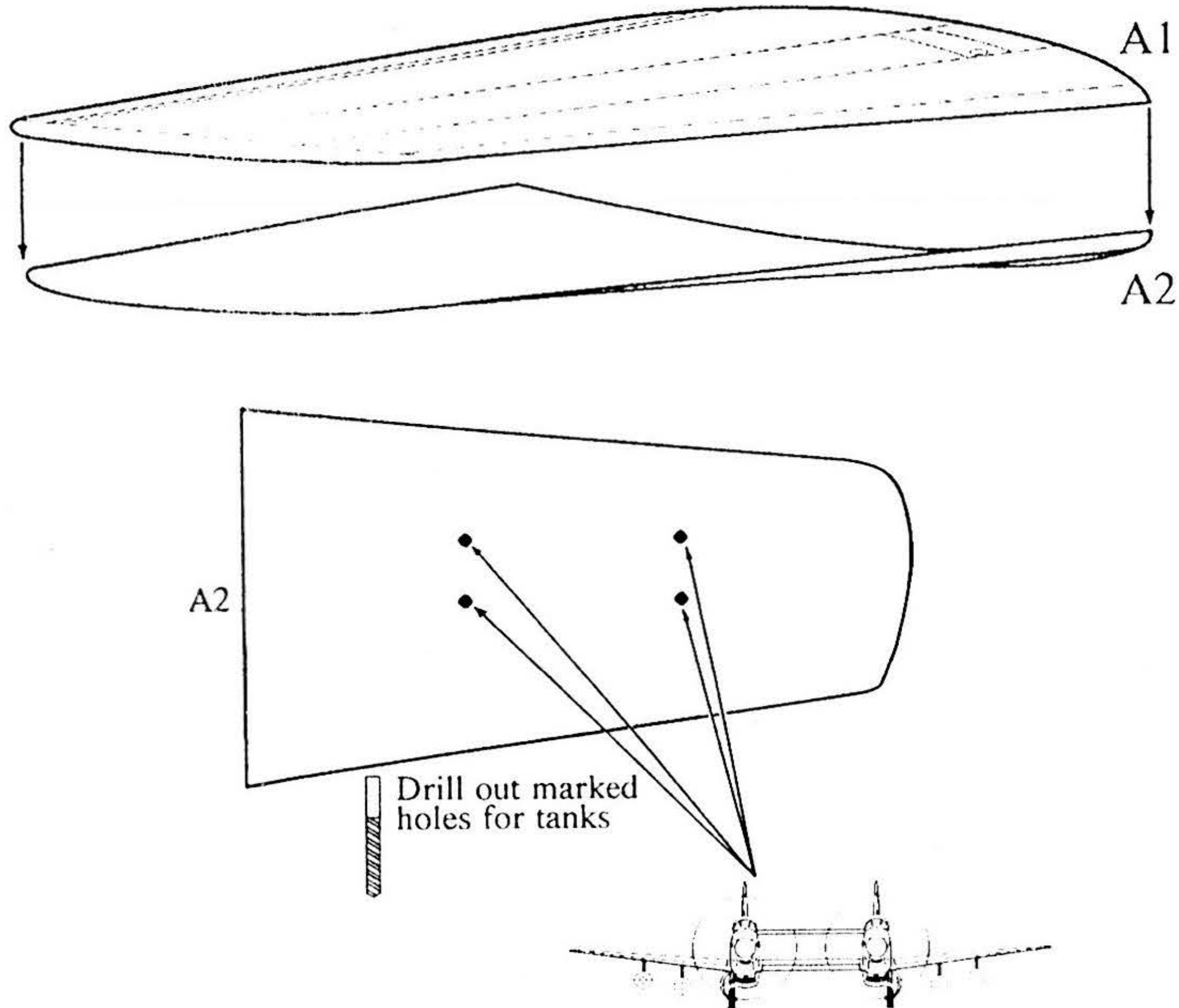
1/48 scale

- 48-002 RCMP Noorduyn Norseman
- 48-003 Noorduyn Norseman - USAF
- 48-021 F82-E Twin Mustang Escort
- 48-022 F82-G "Midnight Sinner"

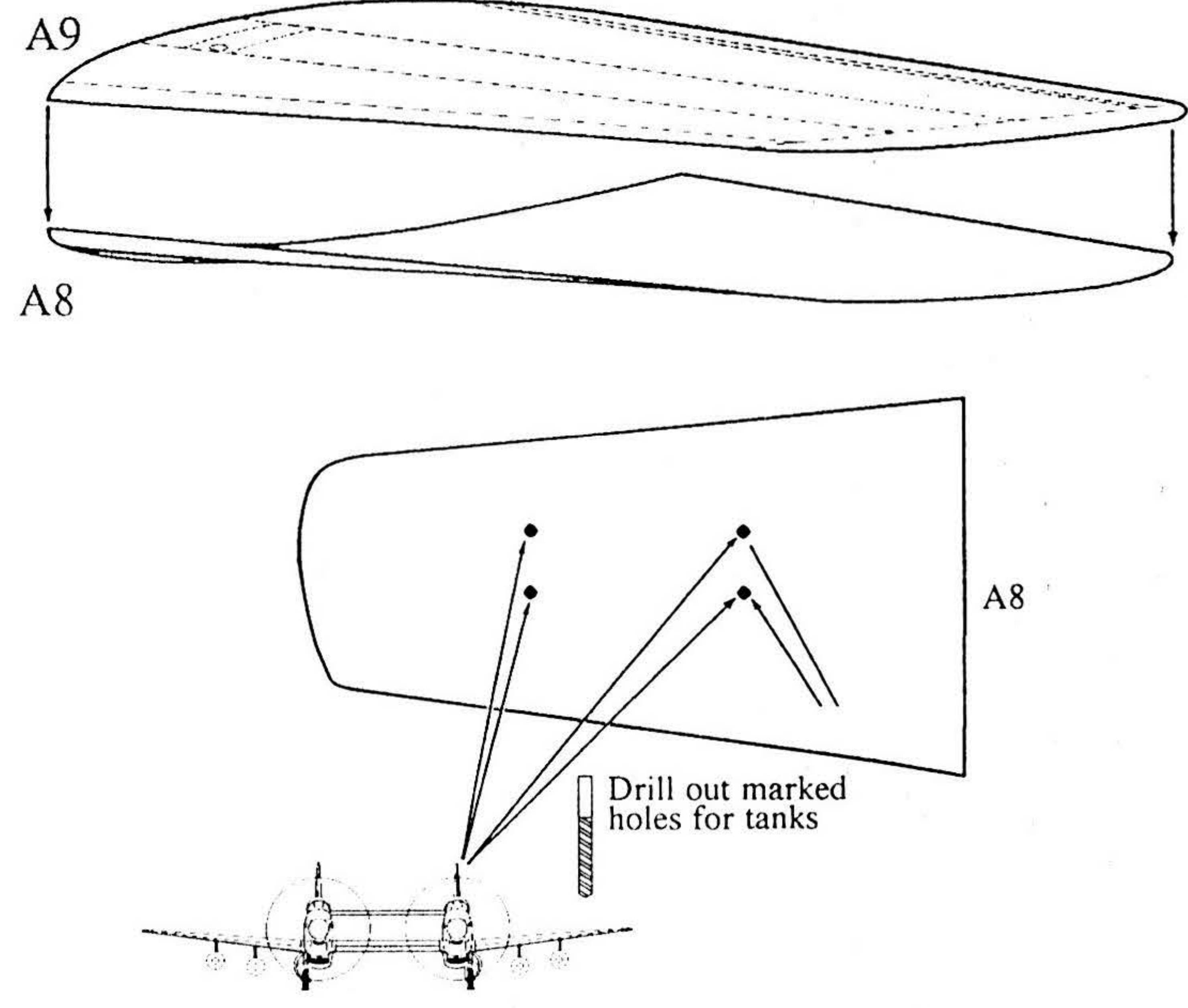
1/72 scale

- 72-001 Bristol Blenheim (2 in 1)
- 72-002 Fairey Swordfish Mk.I
- 72-003 Fairey Firefly FR. Mk.I
- 72-004 Blackburn Shark Mk.II
- 72-015 Sea Vixen F.A.W. 2
- 72-016 Martin 167 Maryland
- 72-030 Armstrong Whitley B. Mk.V
- 72-030 Armstrong Whitley GR. Mk.VII
- 72-032 Wellington Mk.II

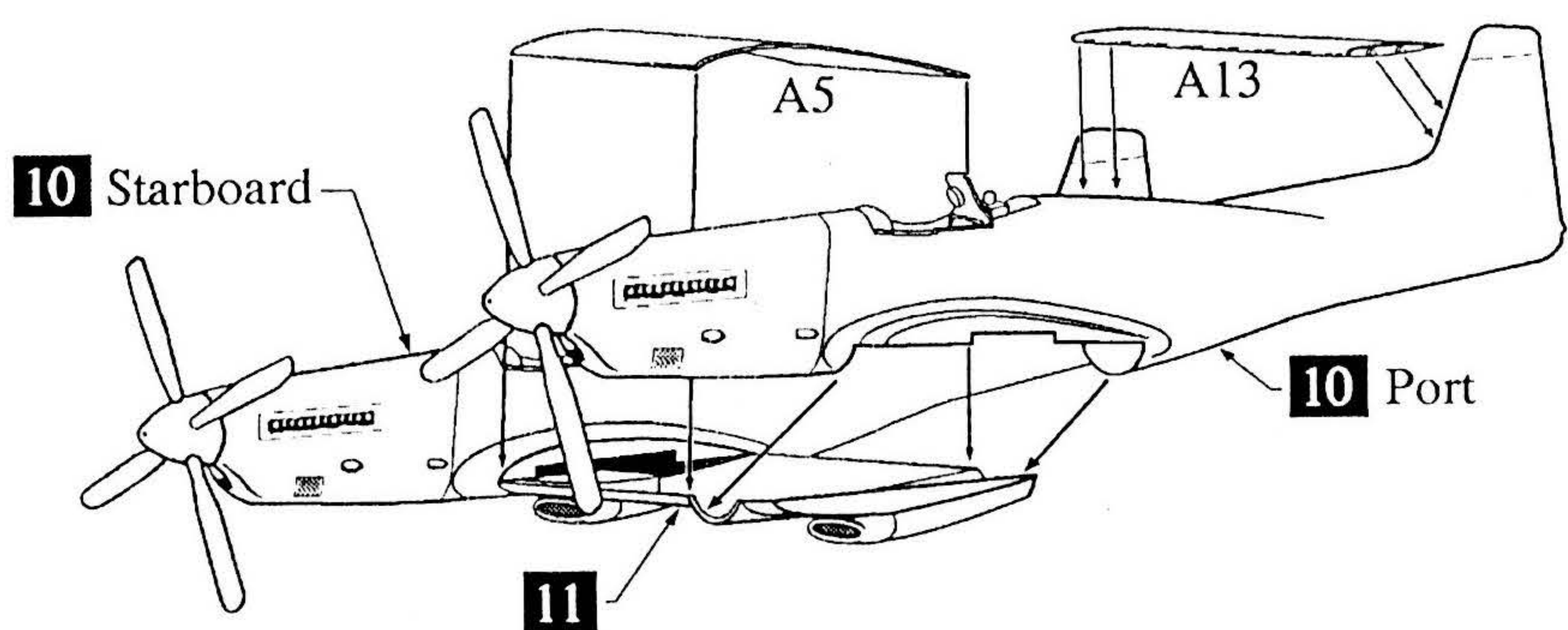
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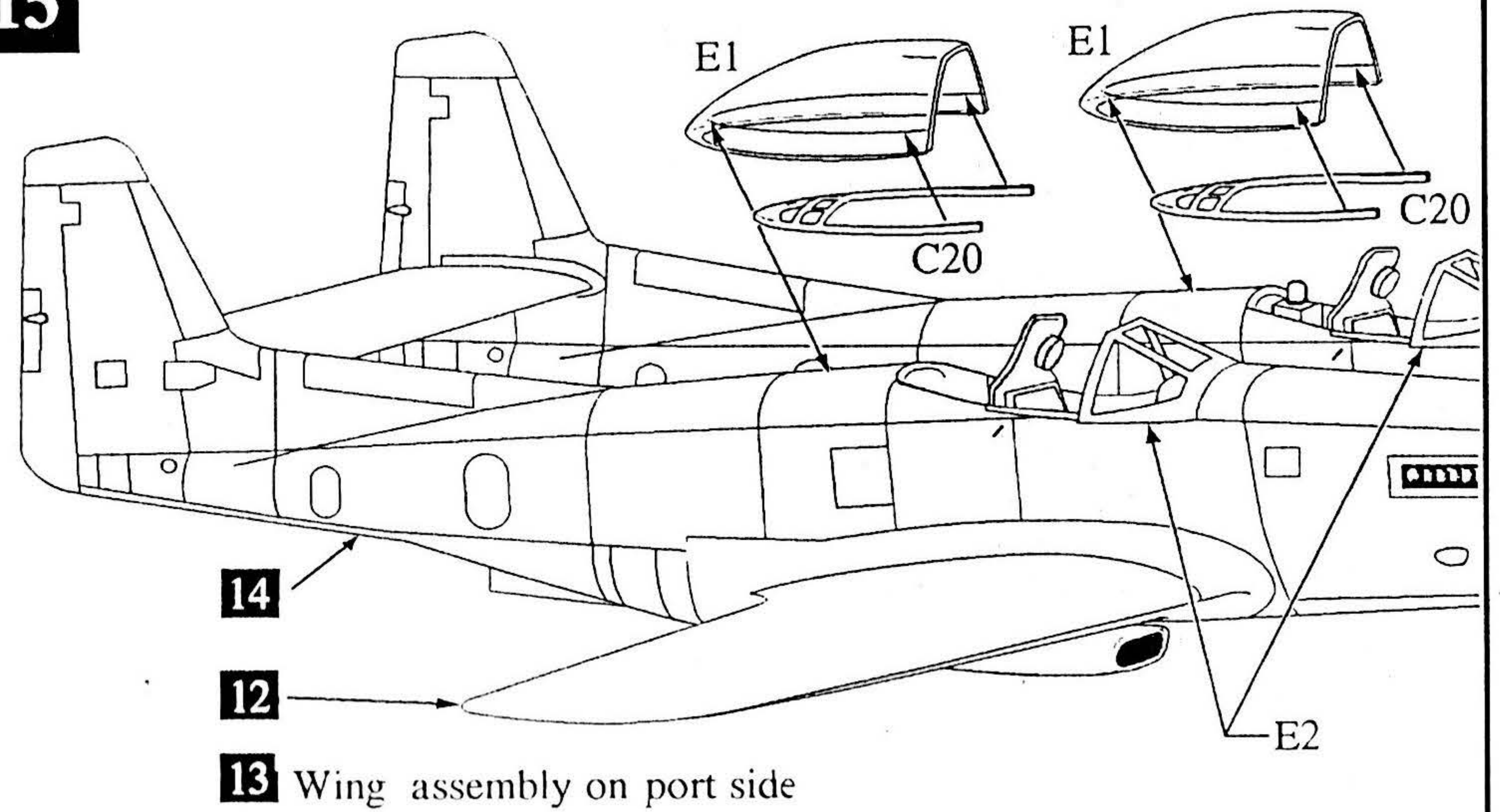
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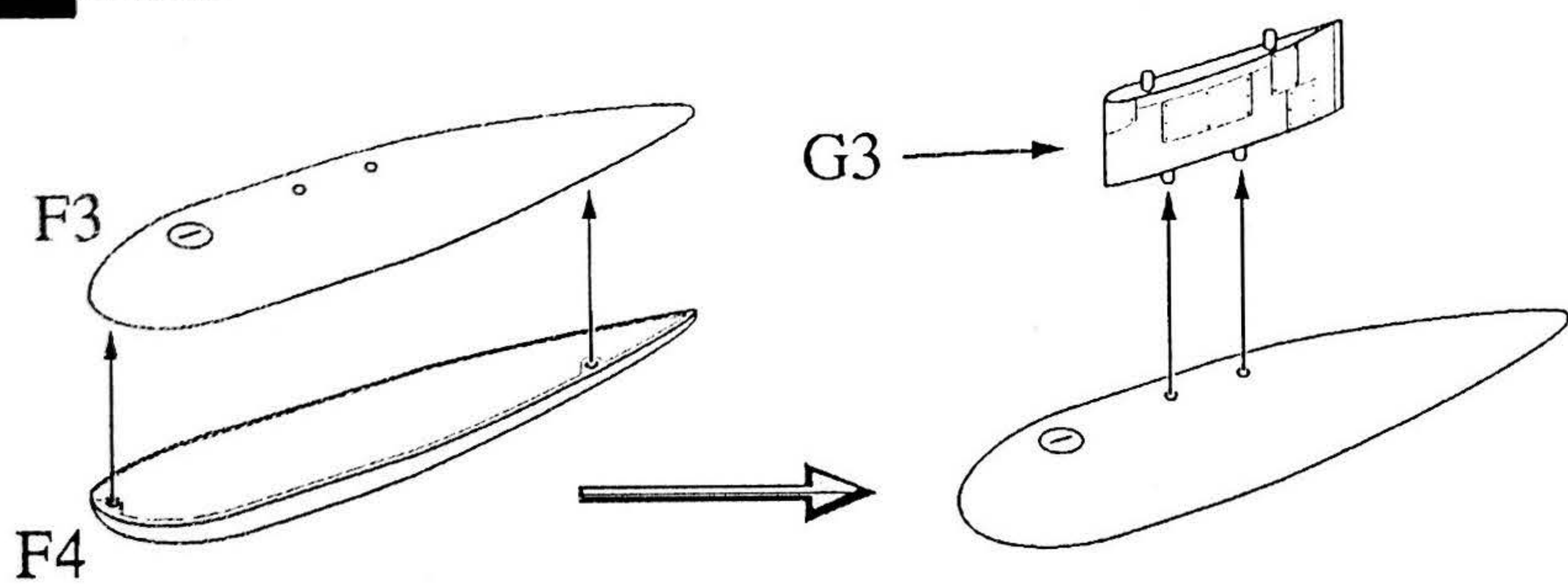
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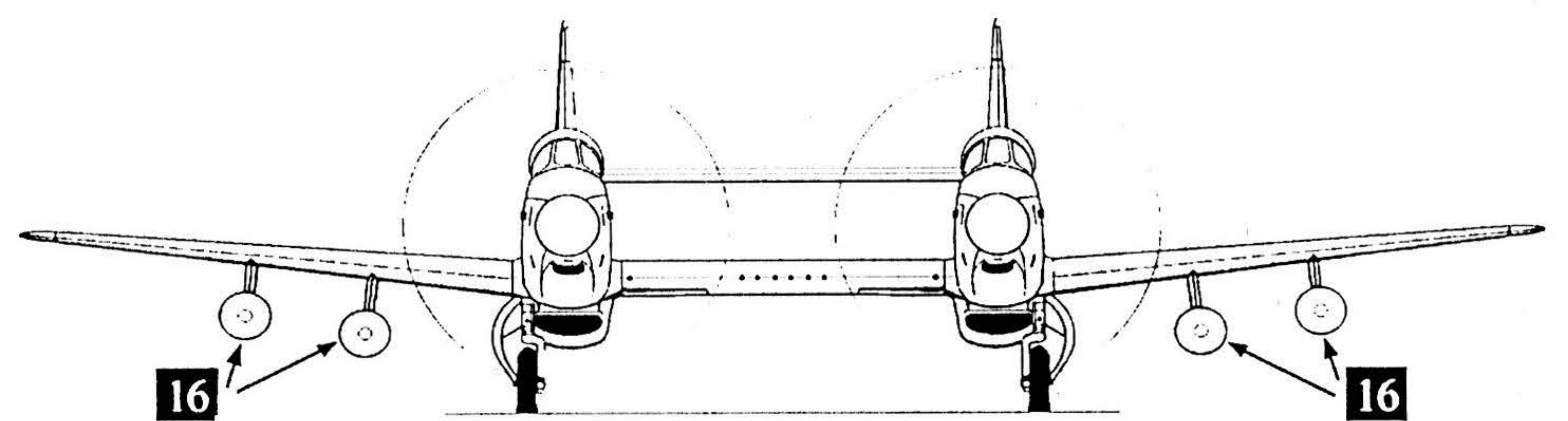
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16 (x4)

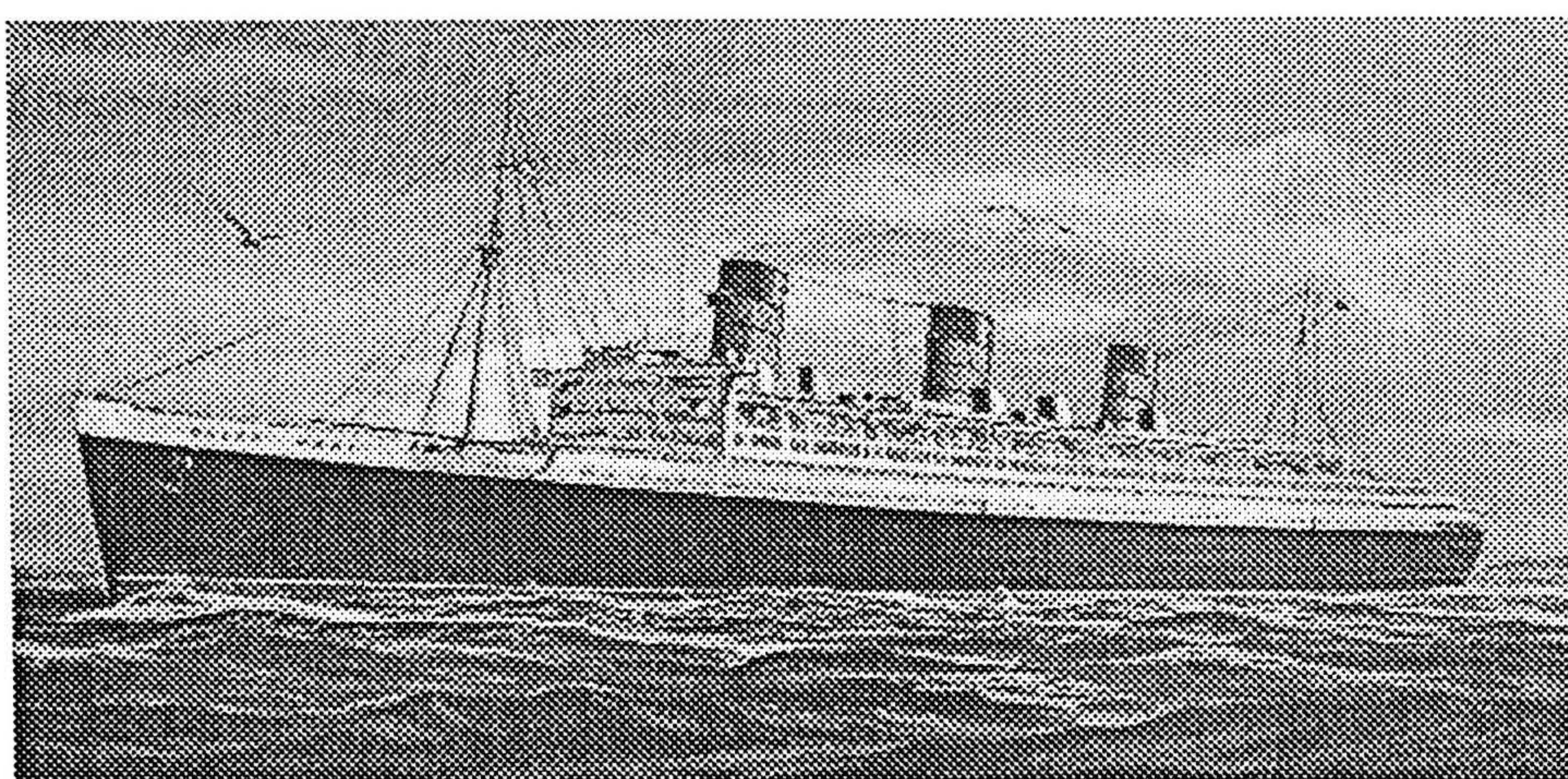


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MANUFACTURERS OF FINE MODELS
AND HARD-TO-GET SUBJECTS

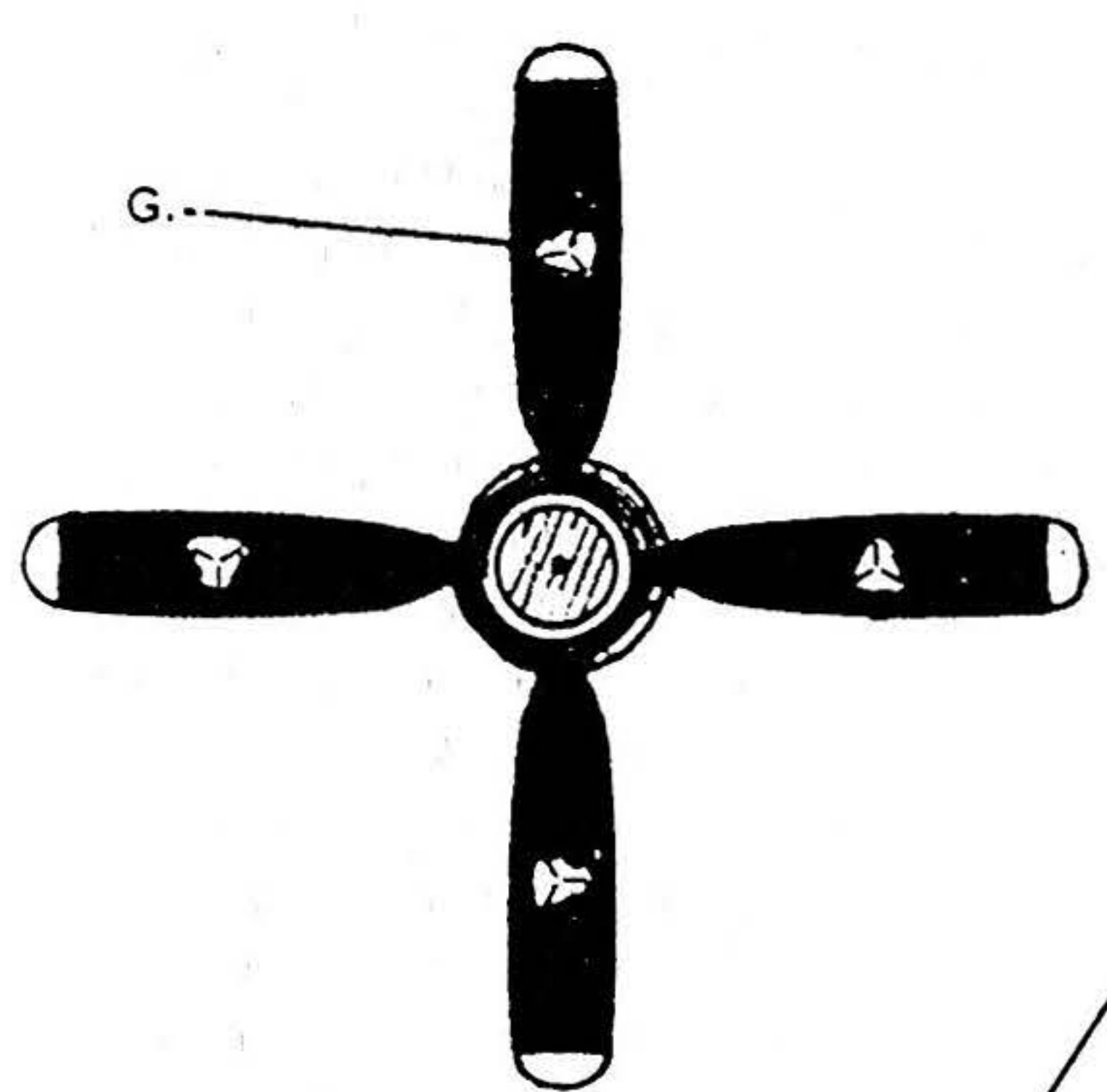


Modelcraft has specialized in providing hard-to-find subjects to modellers. Our line of 1/48th scale Norseman kits has pleased many enthusiasts who could not find this popular aircraft in this large scale. This series will have a new addition in 1997 - a civilian "bush plane".

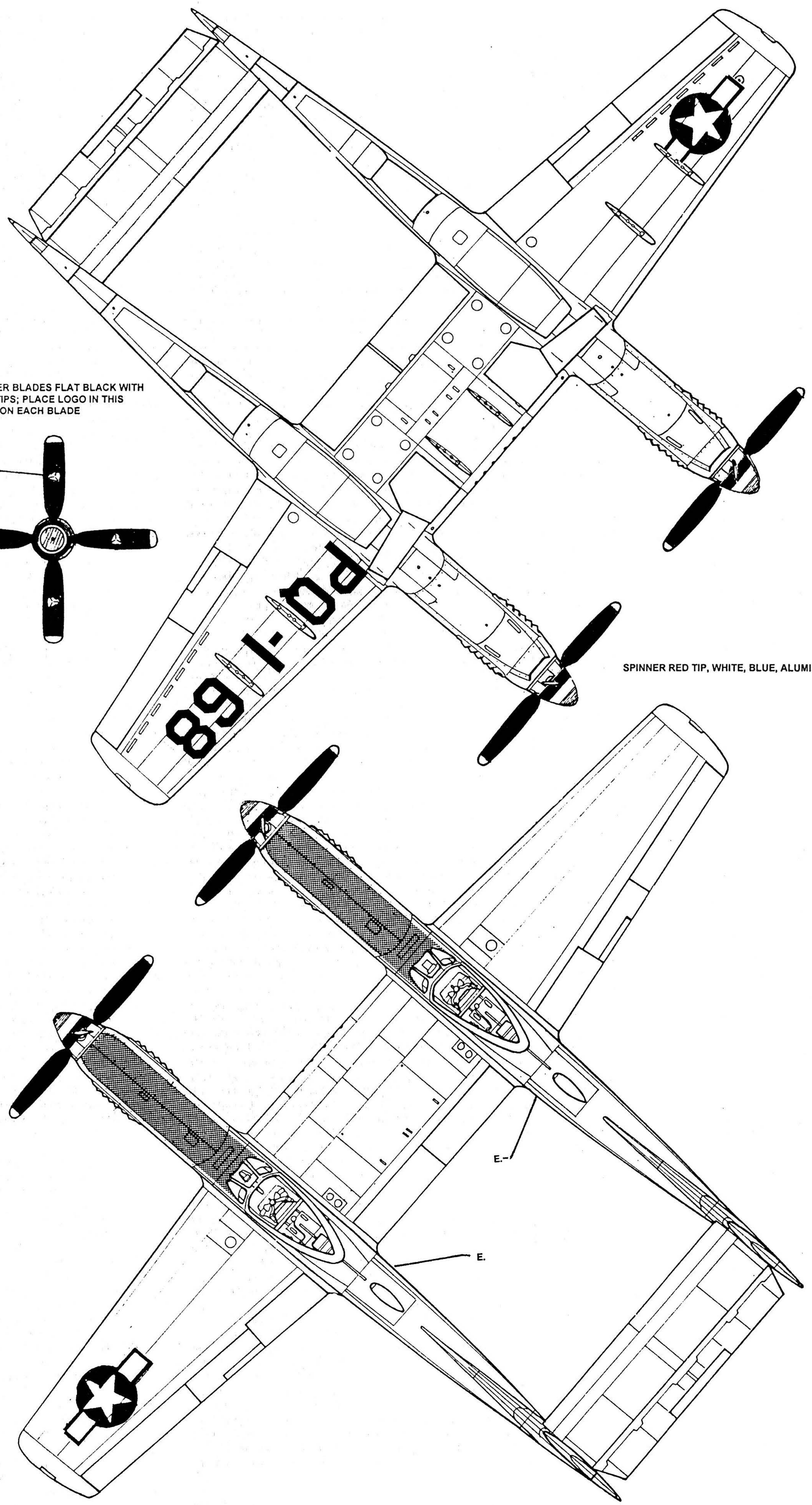
The "Queen Mary", long unavailable, was re-introduced through Modelcraft in 1996. The reception for this kit was tremendous.

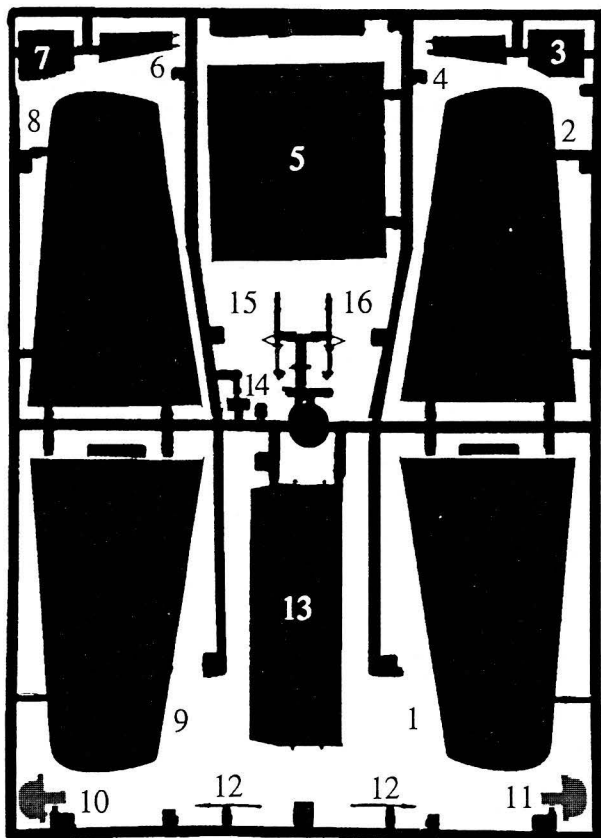
Late 1997 will see the introduction of the 1/72nd scale C-7 Caribou in three versions. The first will be the US Army C-7 of Vietnam vintage, followed by the A-4 RAAF Australian variant and finally, the RCAF/UN Caribou. Watch for these and other exciting subjects at your local retail outlets.

PROPELLER BLADES FLAT BLACK WITH
YELLOW TIPS; PLACE LOGO IN THIS
POSITION ON EACH BLADE

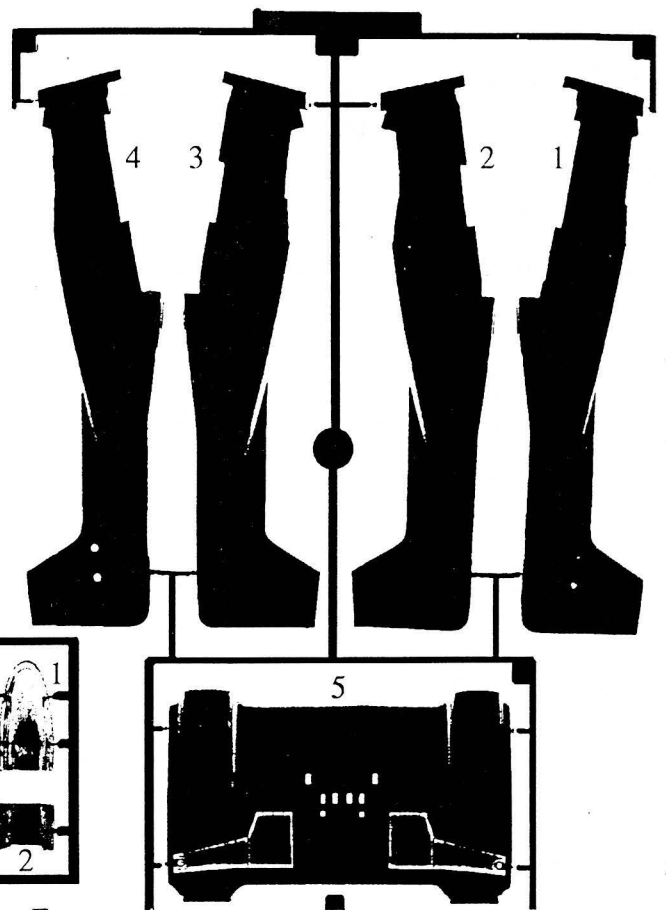


SPINNER RED TIP, WHITE, BLUE, ALUMINUM

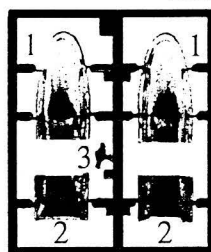




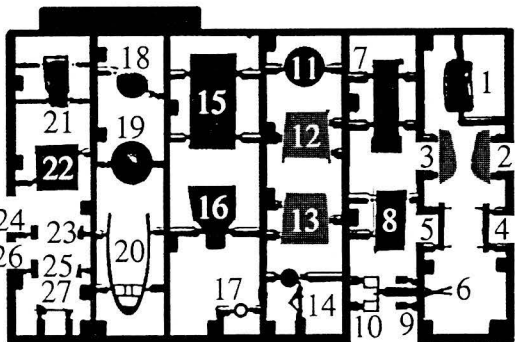
Parts Tree A



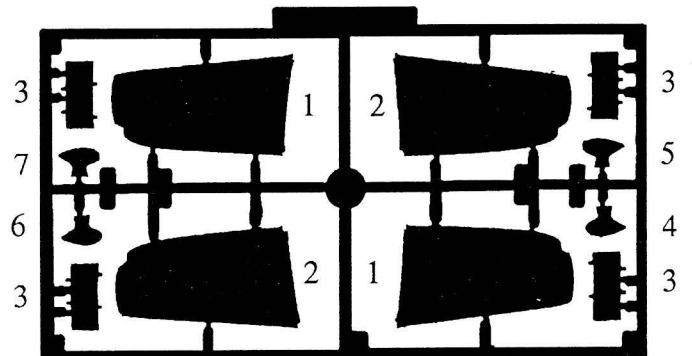
Parts Tree B



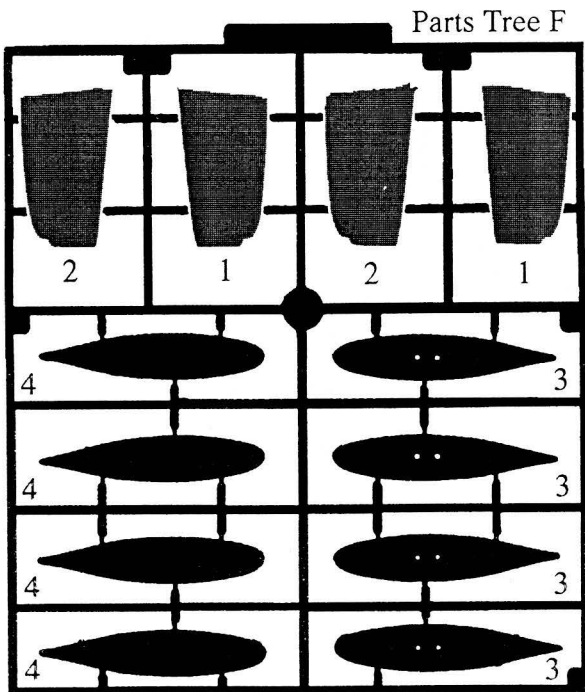
Parts Tree E



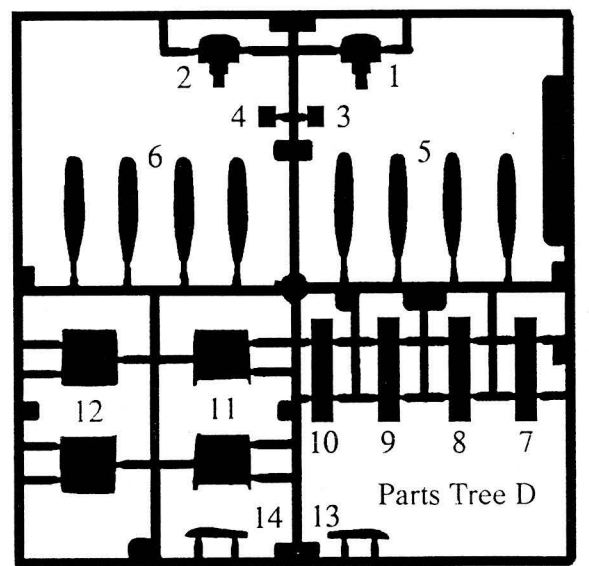
Parts Tree C



Parts Tree G



Parts Tree F



Parts Tree D

F82-B Twin Mustang Parts List

Kit Number 48-020

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PARTS TREE A

- 1 Starboard Wing Top
- 2 Starboard Wing Bottom
- 3 Port Landing Gear Cover Inner
- 4 Starboard Landing Gear Cover Outer
- 5 Center Wing Section Top
- 6 Port Landing Gear Cover Outer
- 7 Starboard Landing Gear Cover Inner
- 8 Port Wing Bottom
- 9 Port Wing Top
- 10 Not Used (Use Part 1 Tree D)
- 11 Not Used (Use Part 2 Tree D)
- 12 Landing Gear Support (x2)
- 13 Stabilizer Tailplane
- 14 Not Used
- 15 Starboard Landing Gear Strut
- 16 Port Landing Gear Strut

PARTS TREE B

- 1 Starboard Fuselage Left Half
- 2 Starboard Fuselage Right Half
- 3 Port Fuselage Left Half
- 4 Port Fuselage Right Half
- 5 Center Wing Section Bottom

PARTS TREE C (x2)

- 1 Seat
- 2 Not Used (Use Part 13 & 14 Tree D)
- 3 Not Used
- 4 Rear Wheel Cover Left
- 5 Rear Wheel Cover Right
- 6 Rear Wheel Yoke
- 7 Radiator Exhaust Top
- 8 Radiator Exhaust Bottom
- 9 Control Pedal (x2)
- 10 Control Harness
- 11 Main Landing Gear Wheel
- 12 Not Used (Use Part 11 Tree D)
- 13 Not Used (Use Part 12 Tree D)
- 14 Rear Landing Gear
- 15 Cockpit Floor
- 16 Cockpit Rear Panel
- 17 Propellor Retainer
- 18 Spinner
- 19 Propellor Hub
- 20 Canopy Rail
- 21 Intake Interior
- 22 Cockpit Rear Deck
- 23 Angled Instrument Panel
- 24 Map Case
- 25 Rear Landing Gear Strut Support
- 26 Rectangular Instrument Panel
- 27 Joystick

PARTS TREE D

- 1 Port Instrument Panel
- 2 Starboard Instrument Panel
- 3 Instrument Pack
- 4 Instrument Pack
- 5 Propellor Blades - Port (x4)
- 6 Propellor Blades - Starboard (x4)
- 7 Right Hand Exhaust
- 8 Right Hand Exhaust
- 9 Left Hand Exhaust
- 10 Left Hand Exhaust
- 11 Radiator Intake Top (x2)
- 12 Radiator Intake Bottom (x2)
- 13 Rudder Tip - Port
- 14 Rudder Tip - Starboard

PARTS TREE E

- 1 Canopy Rear (x2)
- 2 Canopy Front (x2)
- 3 Gun Site

PARTS TREE F

- 1 Not Used (Use Part 1 Tree G)
- 2 Not Used (Use Part 2 Tree G)
- 3 Wing Tank Top (x4)
- 4 Wing Tank Bottom (x4)

PARTS TREE G

- 1 Engine Shroud Left (x2)
- 2 Engine Shroud Right (x2)
- 3 Wing Tank Mount (x4)
- 4 D/F Loop Fairing - Right
- 5 D/F Loop Fairing - Left
- 6 D/F Loop Fairing - Left
- 7 D/F Loop Fairing - Right

This kit contains:

- PARTS TREE A x 1
- PARTS TREE B x 1
- PARTS TREE C x 2
- PARTS TREE D x 1
- PARTS TREE E x 1
- PARTS TREE F x 1
- PARTS TREE G x 1

