



U.S. NAVY PB4Y-1

THE SCALE OF THIS
MODEL IS
1/72 ACTUAL SIZE

Revell
Authentic Kits

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As with all aircraft which reached major production status, Convair's famous B-24 saw service in many guises. Aside from its duties as the backbone of the U.S. Army's heavy bombing fleets, this durable and versatile plane was used in substantial quantities by the U.S. Navy. Painted blue and bearing the designation PB4Y-1, these planes served as long range anti-submarine and patrol bombers. With their ability to travel long distances they were excellent for convoy escorts and search and rescue missions.

In the middle of 1942 the U.S. Navy took delivery of its first B-24D's, labeled PB4Y-1. They immediately began operations and on November 5, 1942, PB4Y's based in Iceland sank their first German U-Boat. In a parallel operation, the U.S. Army successfully used radar-equipped B-24's on far-ranging anti-submarine patrols. However, in August, 1943 the U.S. Navy won permission to operate all anti-submarine Liberators and the B-24's became PB4Y-1's as the Army's Anti-submarine Command was disbanded.

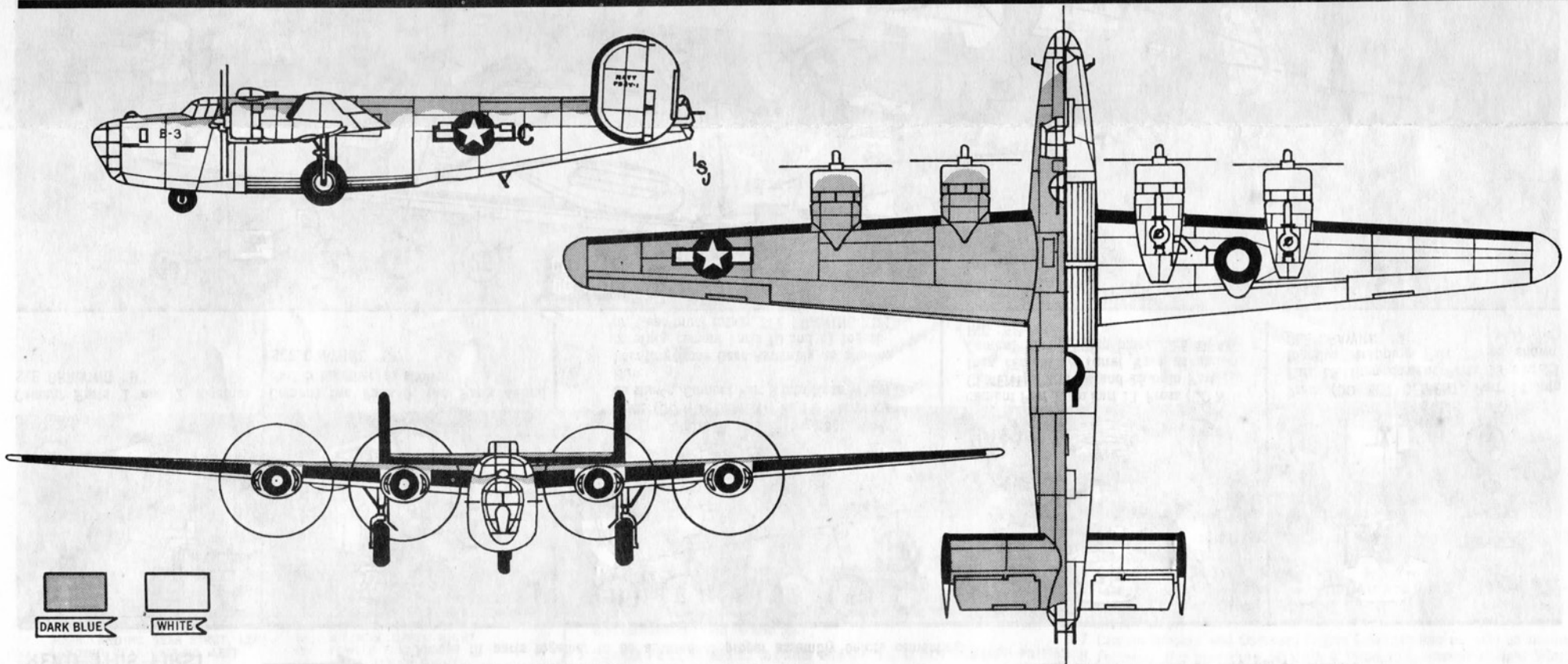
The big blue bombers flew throughout the remainder of the War as escorts for shipping convoys, in addition to their search missions. On occasion they attacked the giant German Condor patrol

bombers which had preyed on Allied convoys with impunity until the longer-ranging and heavier armed PB4Y's swept them from the skies.

U.S. Navy PB4Y's were based in Newfoundland, England and North Africa and flew alongside similar British Liberators of the Royal Air Force Coastal Command. The versatility of the B-24/PB4Y design is illustrated by the fact that many of the planes remained in active U.S. Naval service for several years following the war.

Many variations of the PB4Y-1 existed although the same designation applied to all versions. Some models had the retractable ball turret replaced by a radar dome. Your Revell model represents a PB4Y-1 based on the B-24D configuration. This version had a wingspan of 110 feet and a fuselage length of 66 feet 4 in. Height was 17 feet 11 inches. It was powered by four Pratt & Whitney R-1830 engines of 1,200 h.p. Maximum speed was 300 m.p.h. at 25,000 feet.

The PB4Y-1 was armed with nine .50 cal. machine guns in upper, lower, and tail turrets and a hand-held nose position. The plane, with an operational range of 2,800 miles, could carry 5,400 lbs. of bombs or depth charges.

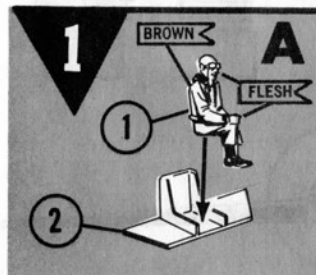


FOR BEST RESULTS,
READ THIS FIRST.

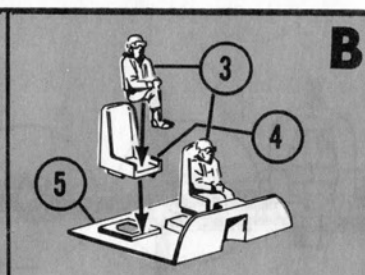


This kit is molded of styrene plastic. REVELL CEMENT & PAINTS are made especially for use with this material.
Always fit parts together to be assured of proper assembly before cementing.

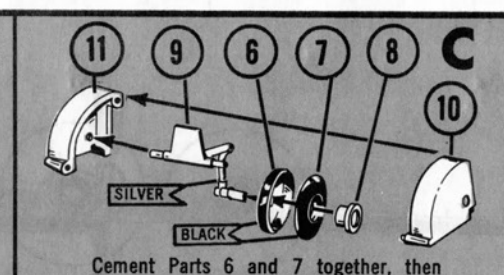
Before assembling, paint parts as indicated **BLACK** and allow to dry. Avoid spilling cement on paint, on clothing, or furniture.



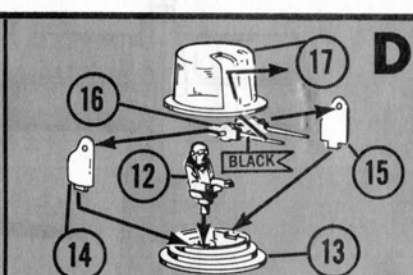
Cement Parts 1 and 2 together. SEE DRAWING "B".



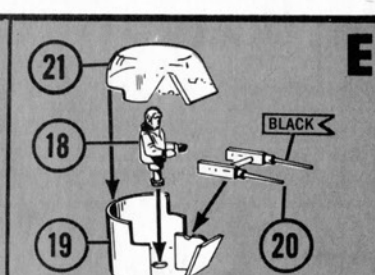
Cement two Parts 3, two Parts 4 and Part 5 together, as shown. SEE DRAWING "C".



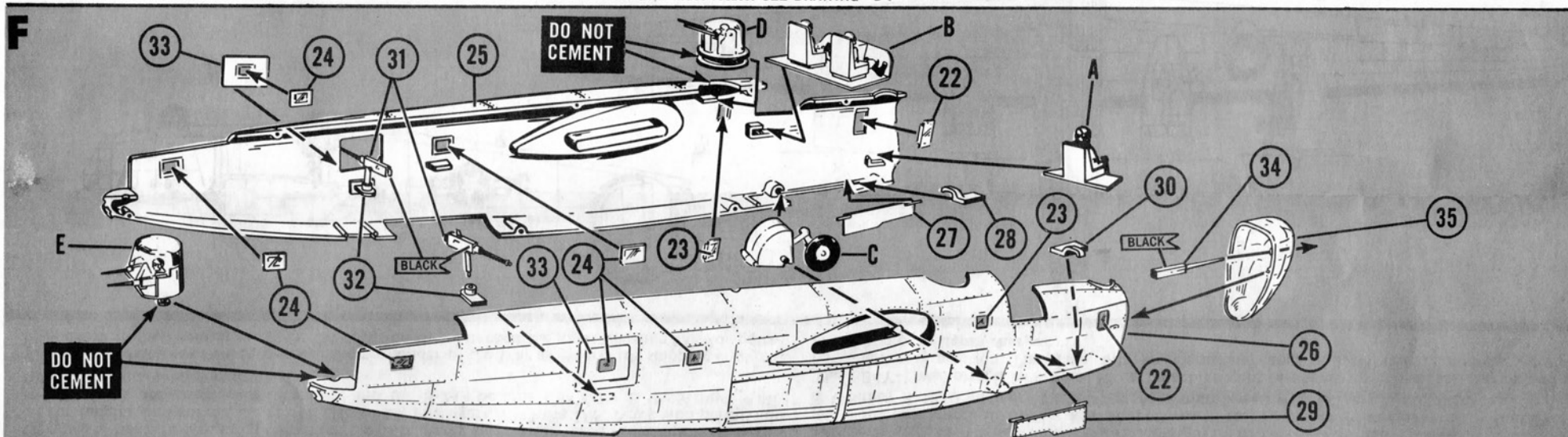
Cement Parts 6 and 7 together, then press (DO NOT CEMENT) Part 8 into place as shown. Cement Part 9 into Nose Wheel Hub.
Locating Nose Gear Assembly as shown, carefully cement Parts 10 and 11 together. Gear must rotate. SEE DRAWING "D".



Cement Part 12 to Part 13. Press (DO NOT CEMENT) Parts 14 and 15 onto Part 16, then cement to Turret Base as shown. Cement Part 17 into place. SEE DRAWING "E".



Press (DO NOT CEMENT) Part 18 into Part 19, then cement Parts 19 and 21 together, trapping Part 20 as shown. SEE DRAWING "F".



PARTS LIST

- | | |
|-----------------------------------|--|
| 1. BOMBARDIER | 18. GUNNER, TAIL TURRET |
| 2. BOMBARDIER'S SEAT | 19. TAIL TURRET BASE |
| 3. PILOT (2) | 20. TAIL TURRET GUNS |
| 4. PILOT'S SEAT (2) | 21. TAIL TURRET BLISTER |
| 5. FLIGHT DECK | 22. BOMBER'S SIDE WINDOW (2) (SMALL) |
| 6. NOSE WHEEL, INNER HALF | 23. RADIO OPERATOR'S WINDOW (2) (MED.) |
| 7. NOSE WHEEL, OUTER HALF | 24. SIDE WINDOW (6) (LARGE) |
| 8. NOSE WHEEL HUB | 25. FUSELAGE, LEFT HALF |
| 9. NOSE GEAR STRUT | 26. FUSELAGE, RIGHT HALF |
| 10. NOSE GEAR HOUSING, RIGHT HALF | 27. NOSE WHEEL DOOR, LEFT |
| 11. NOSE GEAR HOUSING, LEFT HALF | 28. NOSE WHEEL DOOR, RETAINER, LEFT |
| 12. GUNNER, TOP TURRET | 29. NOSE WHEEL DOOR, RIGHT |
| 13. TOP TURRET BASE | 30. NOSE WHEEL DOOR RETAINER, RIGHT |
| 14. TOP TURRET GUN MOUNT, RIGHT | 31. WAIST GUNS (2) |
| 15. TOP TURRET GUN MOUNT, LEFT | 32. WAIST GUN MOUNTS (2) |
| 16. TOP TURRET GUN | 33. WAIST GUN WINDOW PANEL (2) |
| 17. TOP TURRET BLISTER | 34. NOSE GUN |
| | 35. NOSE CANOPY |

ASSEMBLY INSTRUCTIONS

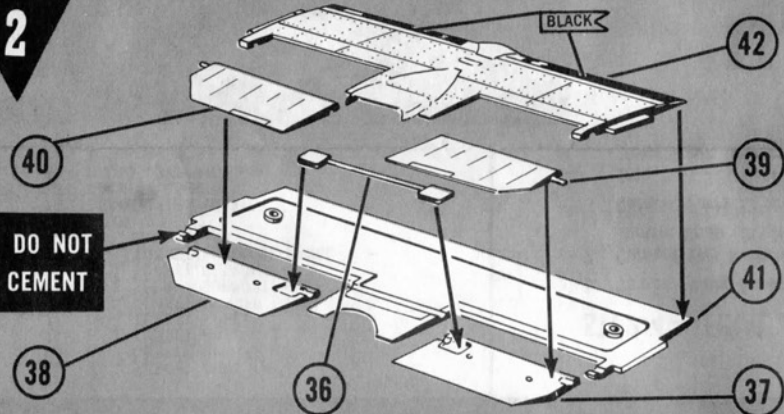
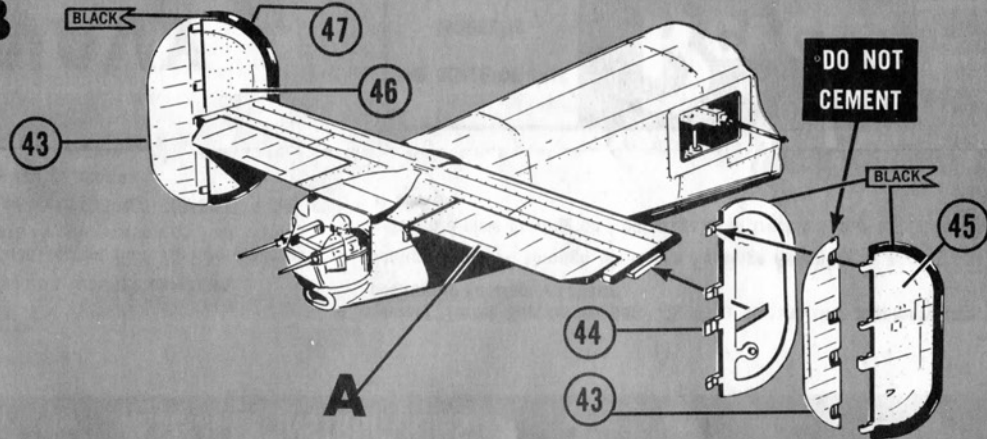
STEP 1 — FUSELAGE ASSEMBLY

- Cement one Part 22, one Part 23, two Parts 24 and assembly B to Part 25. Locating Part 27 as shown, cement Part 28 into place.
- Cement one Part 22, one Part 23, and two Parts 24 to Part 26. Trapping Part 29 as shown, cement Part 30 and assembly C into place.
- NOTE:** If you wish to display the waist guns in firing position, press, DO NOT cement Part 31 into Part 32. Make (2) assemblies and cement Parts 32 into position in Parts 25 and 26 as shown.
If you wish to display the waist gun hatches closed, DO NOT use Parts 31 and 32, but cement Part 24 to Part 33. Make (2) assemblies and cement to Parts 25 and 26 as shown.

- NOTE:** This step is difficult and care should be taken to insure that all parts are properly aligned.

Locate (DO NOT CEMENT) Top and Tail Turrets into position on Left Fuselage as shown; carefully cement the Left and Right Fuselage Halves together, trapping the two Turrets and the Left Nose Wheel Door in place.

Cement Assembly A into position as shown. Cement Part 34 in place on Part 35 and cement Nose Canopy to Fuselage.

2**A****B****A****PARTS LIST**

- 36. ELEVATOR TORQUE TUBE
- 37. ELEVATOR, LOWER RIGHT
- 38. ELEVATOR, LOWER LEFT
- 39. ELEVATOR, UPPER RIGHT
- 40. ELEVATOR, UPPER LEFT
- 41. HORIZONTAL STABILIZER, LOWER
- 42. HORIZONTAL STABILIZER, UPPER
- 43. RUDDER (2)
- 44. VERTICAL STABILIZER, RIGHT, INBOARD
- 45. VERTICAL STABILIZER, RIGHT OUTBOARD
- 46. VERTICAL STABILIZER, LEFT INBOARD
- 47. VERTICAL STABILIZER, LEFT OUTBOARD

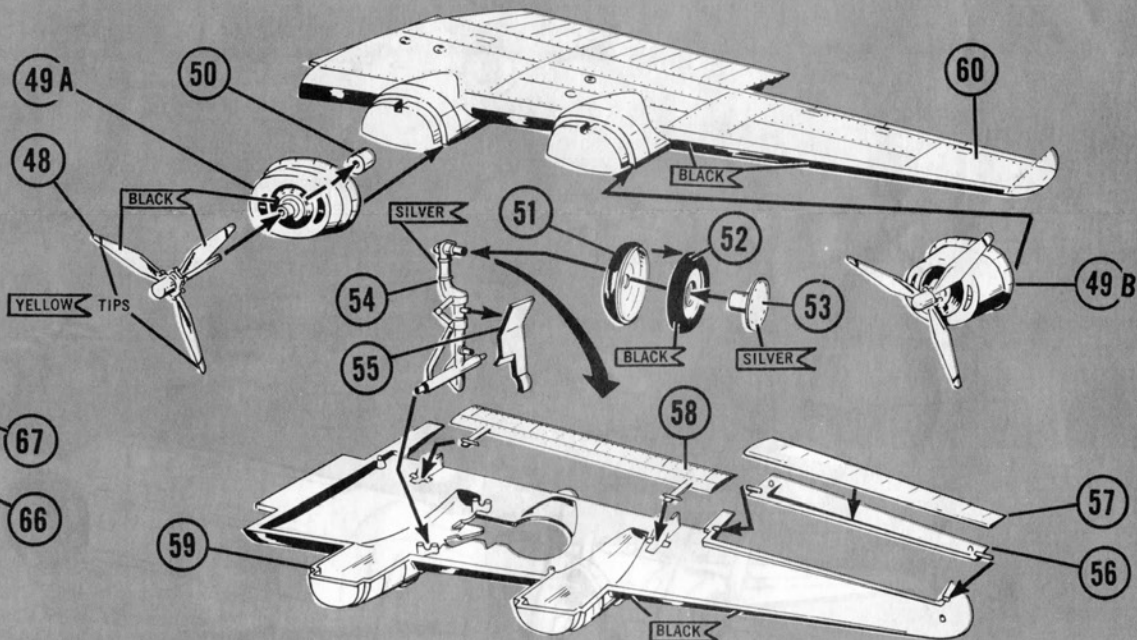
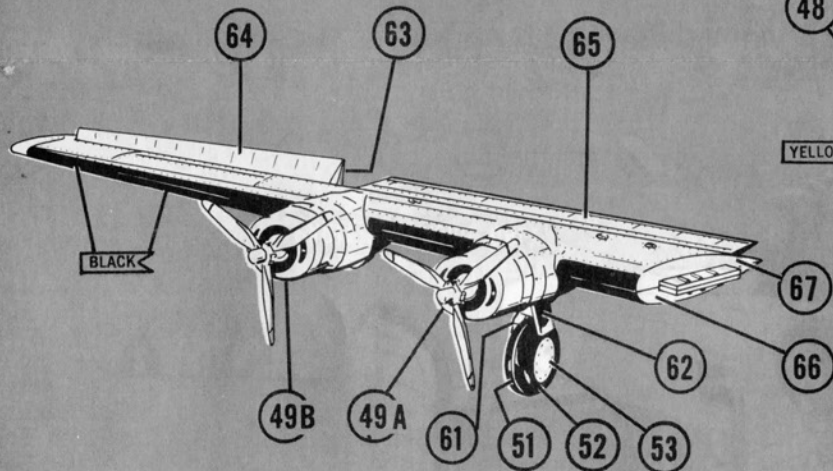
ASSEMBLY INSTRUCTIONS**STEP 2—EMPENNAGE ASSEMBLY**

SEE DRAWING "A"

1. Cement Part 36 to Parts 37 and 38, then cement Parts 39 and 40 into position as shown.
2. Cement Parts 41 and 42 together, trapping Elevator Assembly as shown. Elevators must move freely.

SEE DRAWING "B"

3. Cement Horizontal Stabilizer Assembly to Fuselage as shown.
4. Trapping one Part 43, cement Parts 44 and 45 together; then cement this assembly into position on Horizontal Stabilizer as shown.
5. Following the procedure of Step 4, assemble the Left Vertical Stabilizer, using the remaining Part 43 and Parts 46 and 47, and cement into position as shown.



PARTS LIST

48. PROPELLER (4)
 49A. ENGINE COWLING, INBOARD (2)
 49B. ENGINE COWLING, OUTBOARD (2)
 50. PROPELLER RETAINER (4)
 51. MAIN WHEEL, INNER HALF (2)
 52. MAIN WHEEL, OUTER HALF (2)
 53. MAIN WHEEL HUB (2)
 54. MAIN LANDING GEAR STRUT, LEFT
 55. LANDING GEAR FAIRING, LEFT
 56. AILERON, LOWER LEFT

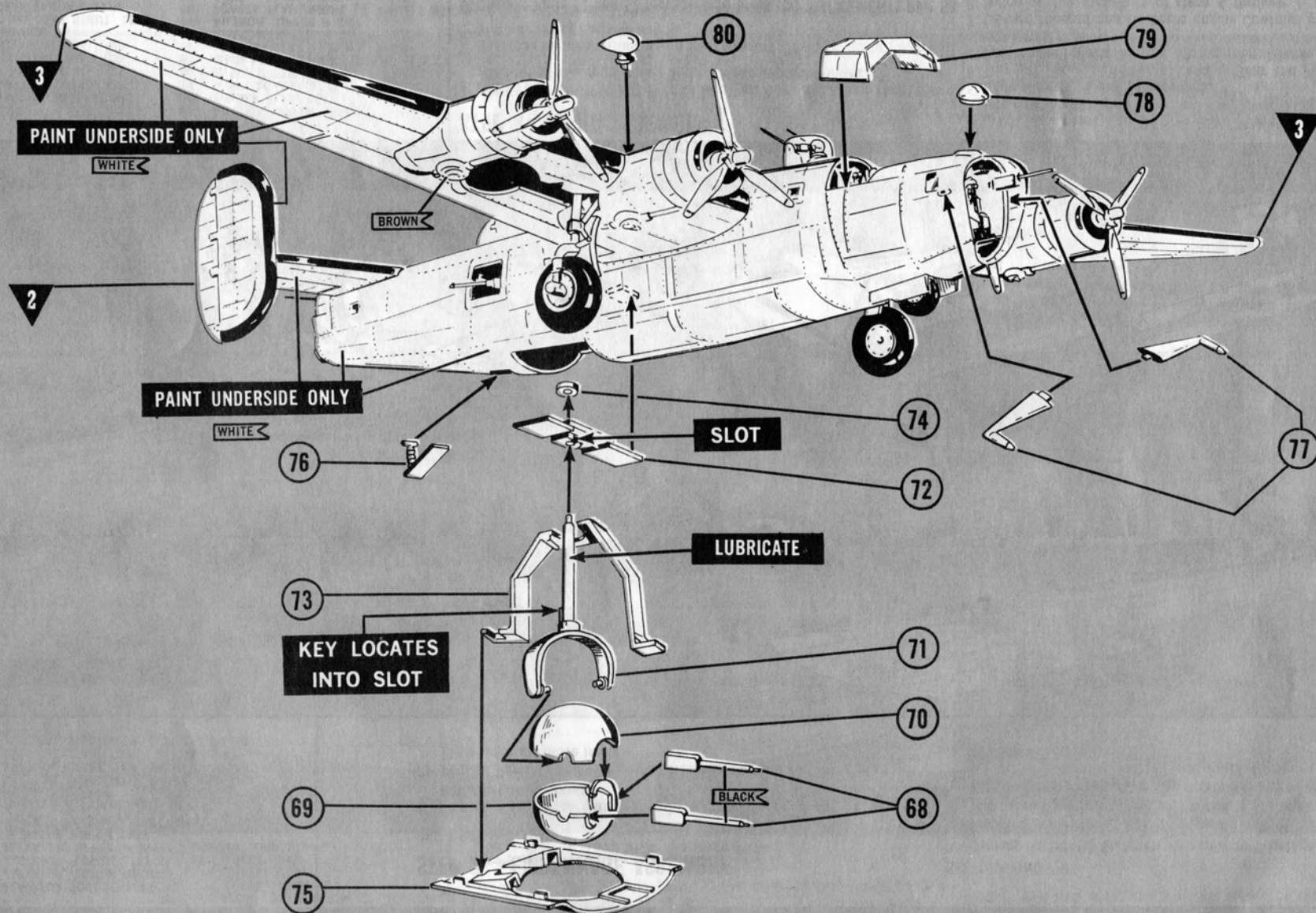
57. AILERON, UPPER LEFT
 58. FOWLER FLAP, LEFT
 59. WING, LOWER LEFT
 60. WING, UPPER LEFT
 61. MAIN LANDING GEAR STRUT, RIGHT
 62. LANDING GEAR FAIRING, RIGHT
 63. AILERON, LOWER RIGHT
 64. AILERON, UPPER RIGHT
 65. FOWLER FLAP, RIGHT
 66. WING, LOWER RIGHT
 67. WING, UPPER RIGHT

ASSEMBLY INSTRUCTIONS

STEP 3 — WING ASSEMBLY

1. Press (DO NOT CEMENT) Part 48 into Part 49A and cement Part 50 into place. Propeller must rotate freely. Make two assemblies.
2. In the same manner, assemble the Outboard Cowlings, using Parts 49B and remaining Parts 48 and 50.
3. Cement Parts 51 and 52 together and press (DO NOT CEMENT) Part 53 into place. Make two assemblies.

4. Carefully cement Part 54 into Main Wheel Hub and cement Part 55 into position as shown.
5. Cement Parts 56 and 57 together.
6. Trapping assembled Aileron, Landing Gear and Part 58 as shown, carefully cement Parts 59 and 60 together. Aileron, Gear and Flap must move freely.
7. Cement Inboard and Outboard Engine Cowlings into position as shown.
8. Following the procedure of steps 4 through 7, assemble Right Wing, using Parts 61 through 67.



PARTS LIST

- 68. BALL TURRET GUNS (2)
- 69. BALL TURRET BLISTER
- 70. BALL TURRET BASE
- 71. BALL TURRET YOKE
- 72. BALL TURRET HANGER
- 73. BALL TURRET SUPPORT
- 74. BALL TURRET RETAINER
- 75. BALL TURRET FUSELAGE PANEL
- 76. TAIL SKID
- 77. PITOT TUBE (2)
- 78. OBSERVATION BLISTER
- 79. COCKPIT CANOPY
- 80. RADIO LOOP ANTENNA

ASSEMBLY INSTRUCTIONS

STEP 4—FINAL ASSEMBLY

1. Cement Wing Assemblies into position on Fuselage as shown.
2. Cement two Parts 68 to Part 69 then cement Part 70 into place as shown. Snap (DO NOT CEMENT) Part 71 into position on Ball Turret.
3. Cement Parts 72 and 73 together and press (DO NOT CEMENT) Yoke into Part 72. Cement Part 74 in place as shown. Yoke Shaft must move freely.
4. Cement Turret Support to part 75, then cement this assembly into position in Fuselage as shown.
5. Cement Parts 76 through 80 to the Fuselage Assembly as shown.
6. Refer to 3-view drawing on front page of instructions and apply decals as shown.