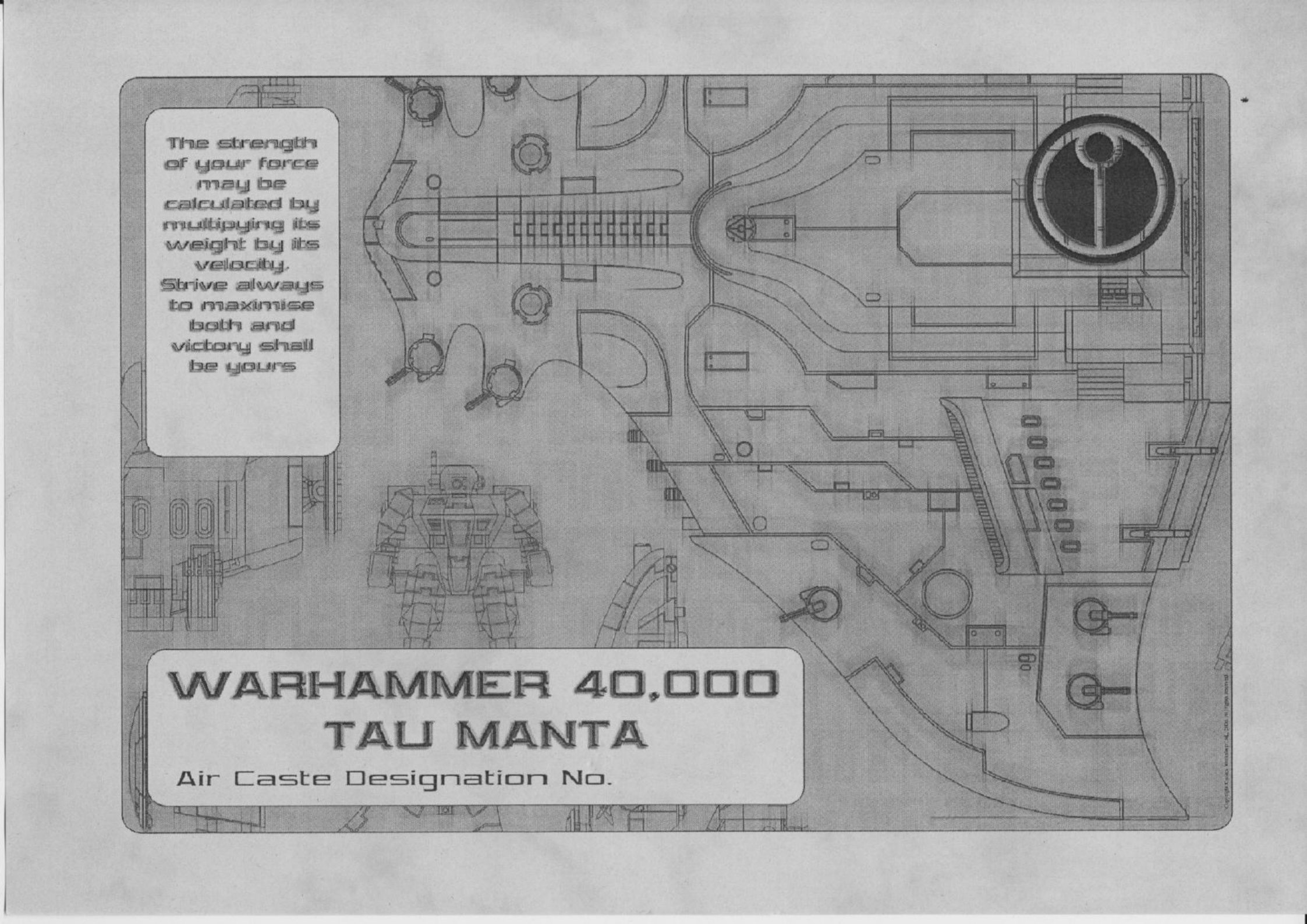




Free Downloads of Build Instructions,
Assembly Booklets & How To Guides

BuildInstructions.com

A detailed technical line drawing of a Tau Manta air caste, showing its complex internal structure, various rooms, corridors, and specialized equipment. The drawing is oriented vertically on the page.

The strength
of your force
may be
calculated by
multiplying its
weight by its
velocity.
Strive always
to maximise
both and
victory shall
be yours

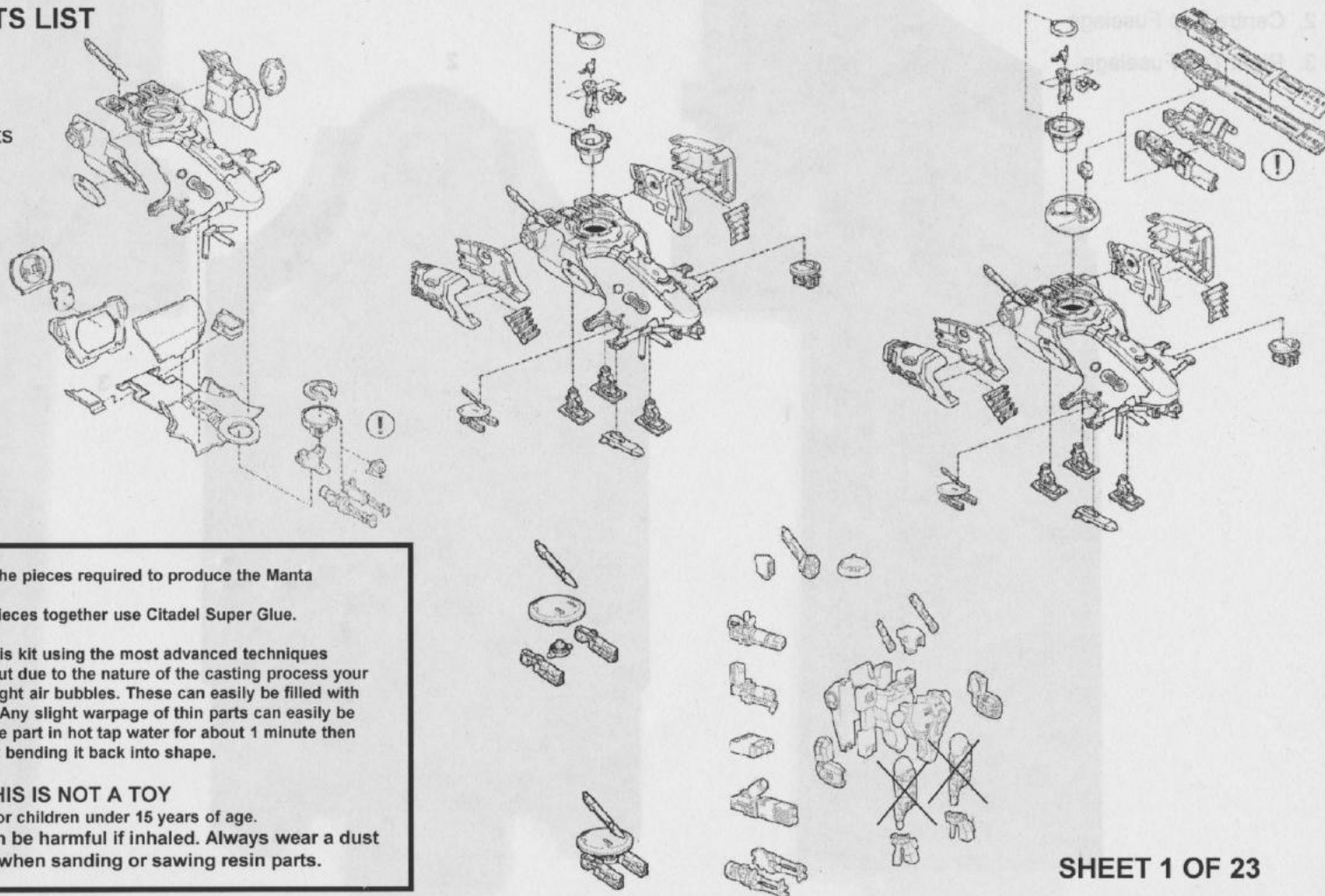
WARHAMMER 40,000
TAU MANTA

Air Caste Designation No.

The Manta is a large and complicated kit, we recommend checking the components list to ensure all parts are present. Certain components should be painted before or during assembly as access to them may be limited once the model is completed. Before assembling or painting the kit all parts should be cleaned and washed and all gates and flash should be trimmed from the components. We also recommend a high quality super glue for assembly and following an order of assembly as follows:

PLASTIC COMPONENTS LIST

1. Battlesuit Sprues (x8)
2. Gun Drone Sprues (x10)
3. 2x Hammerhead Sprue sets
4. 2x Devilfish Sprue sets



This kit contains all the pieces required to produce the Manta

To glue the resin pieces together use Citadel Super Glue.

NOTE: We have cast this kit using the most advanced techniques and the best quality resin, but due to the nature of the casting process your model may contain very slight air bubbles. These can easily be filled with model filler or super glue. Any slight warpage of thin parts can easily be corrected by immersing the part in hot tap water for about 1 minute then carefully bending it back into shape.

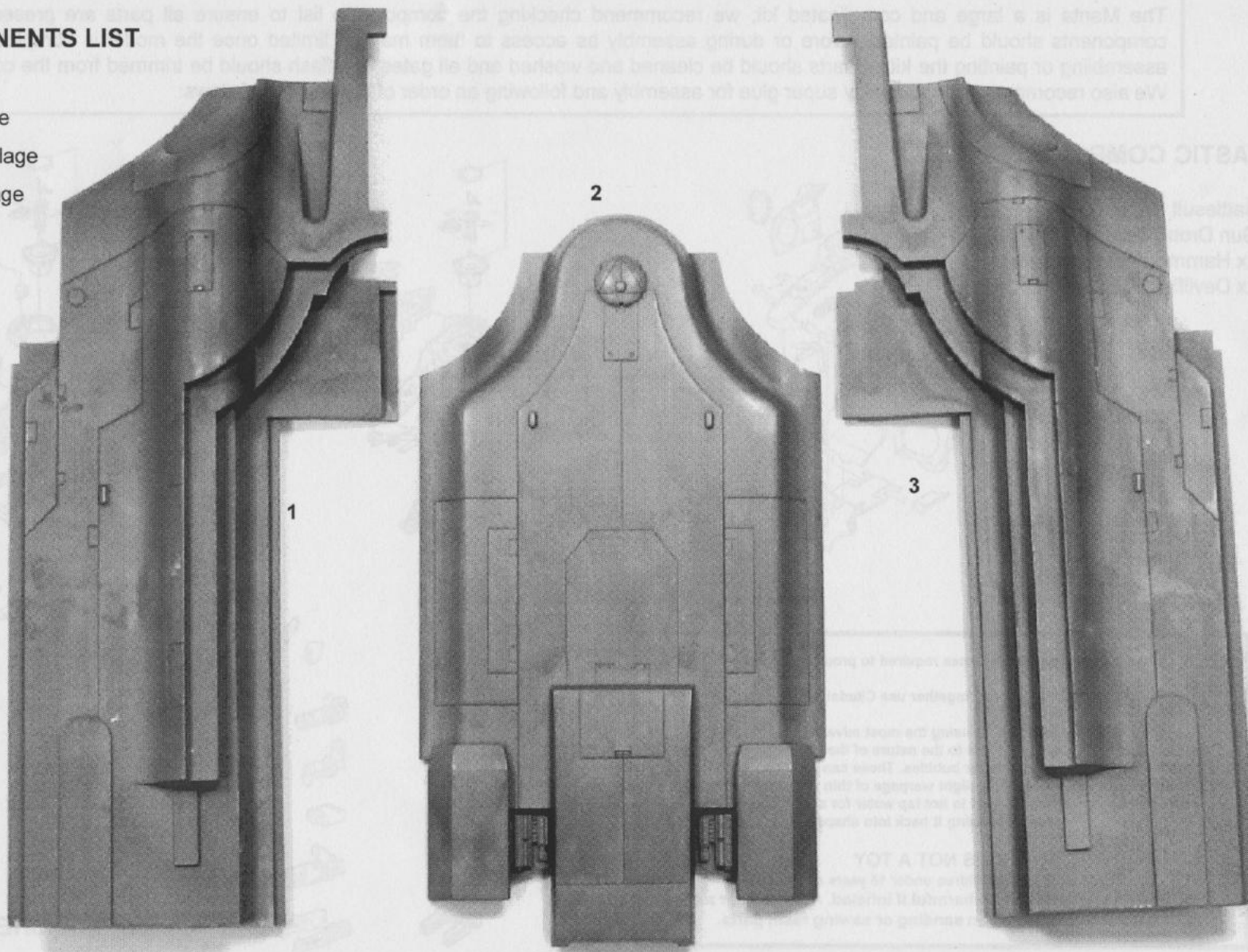
THIS IS NOT A TOY

Not suitable for children under 15 years of age.

WARNING: Resin dust can be harmful if inhaled. Always wear a dust mask or respirator when sanding or sawing resin parts.

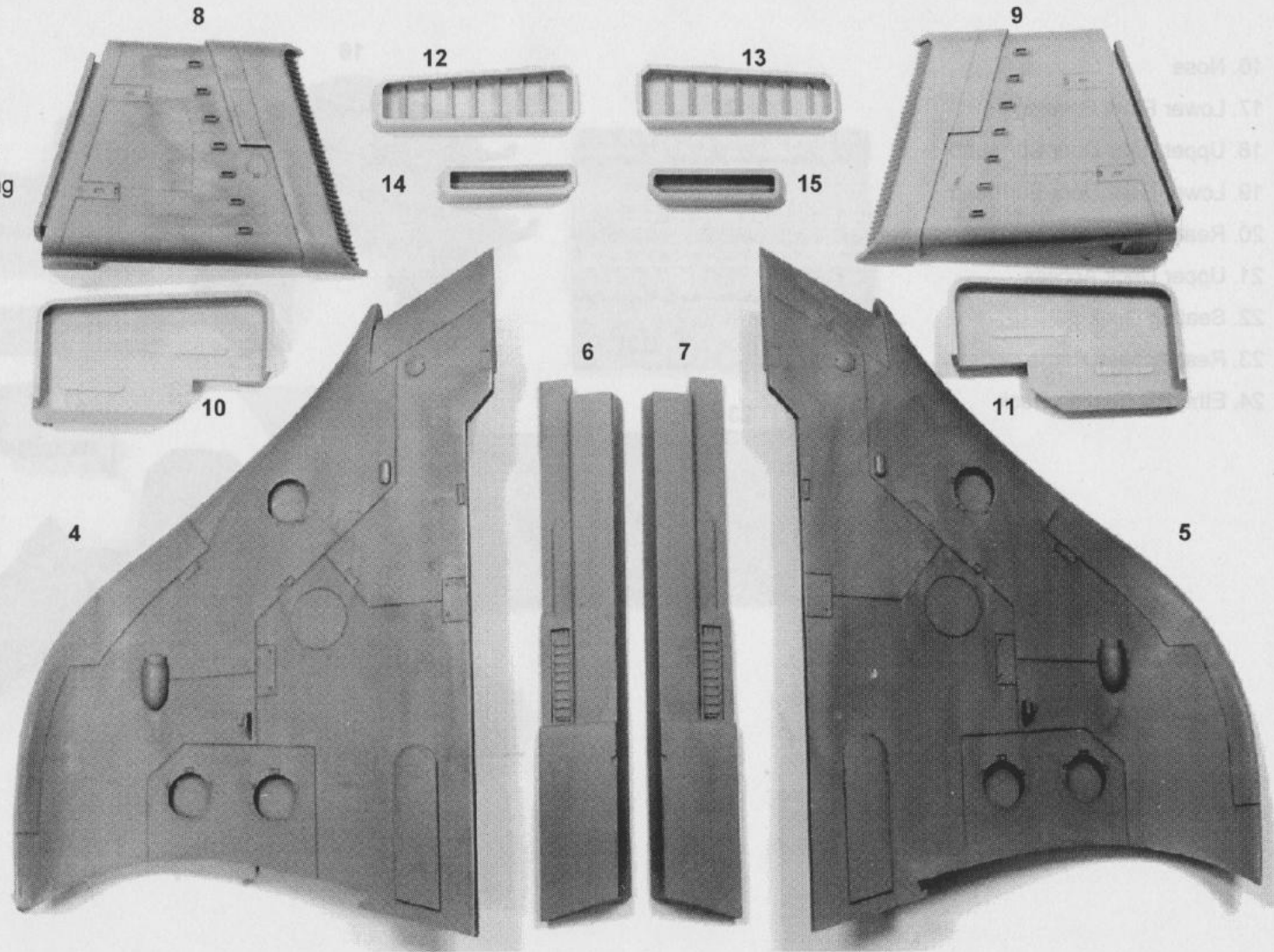
RESIN COMPONENTS LIST

1. Left Top Fuselage
2. Centre Top Fuselage
3. Right Top Fuselage



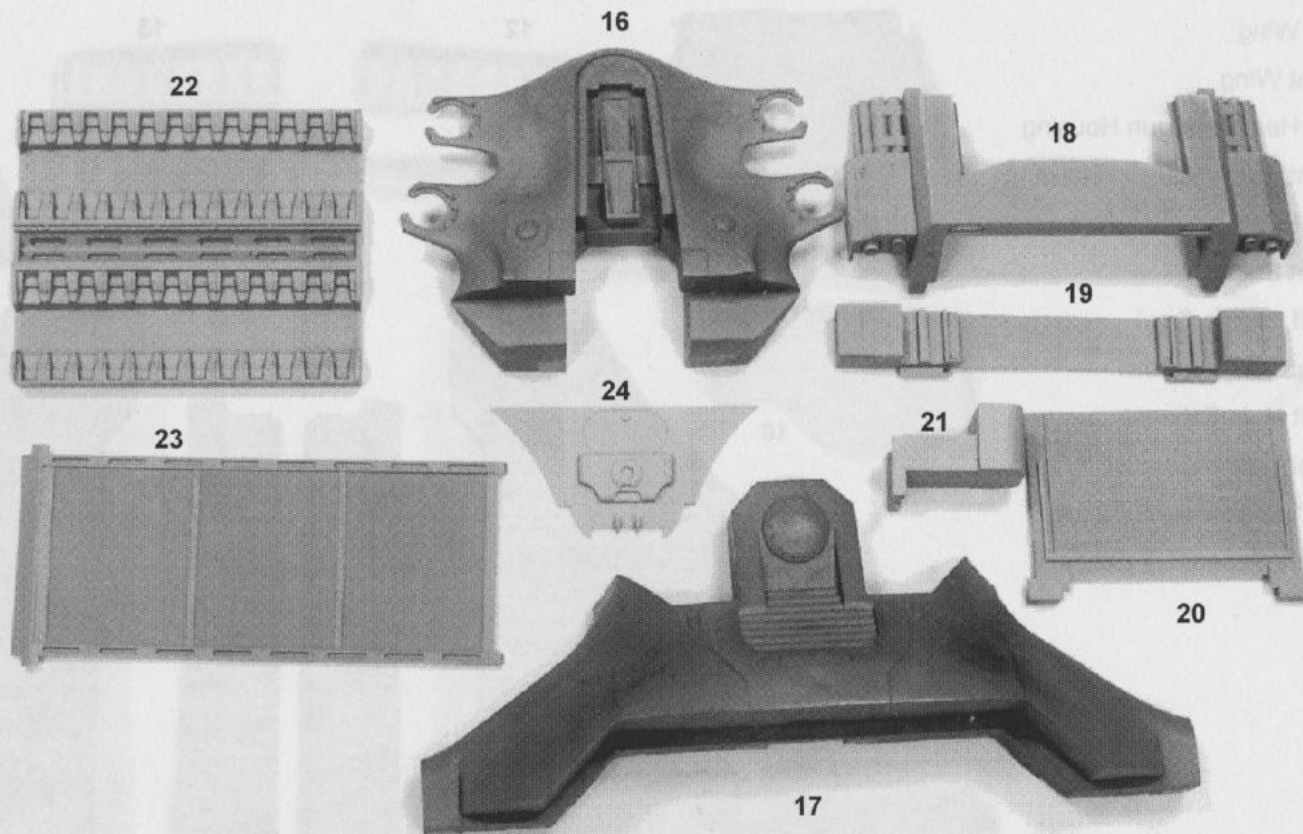
RESIN COMPONENTS LIST

- 4. Left Wing
- 5. Right Wing
- 6. Left Heavy Railgun Housing
- 7. Right Heavy Railgun Housing
- 8. Left Engine
- 9. Right Engine
- 10. Left Engine Cowl
- 11. Right Engine Cowl
- 12. Left Main Exhaust
- 13. Right Main Exhaust
- 14. Left Secondary Exhaust
- 15. Right Secondary Exhaust



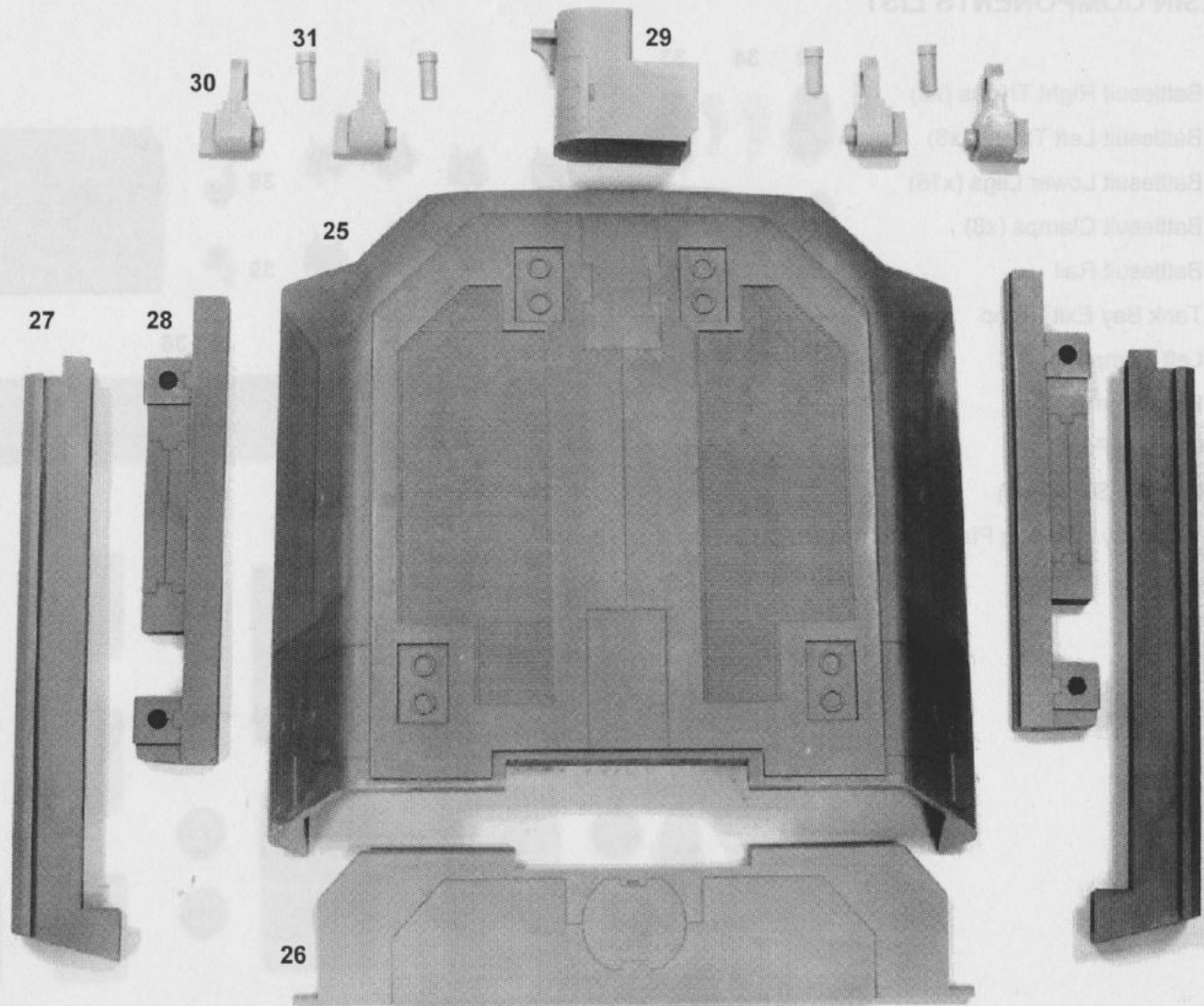
RESIN COMPONENTS LIST

- 16. Nose
- 17. Lower Front Fuselage
- 18. Upper Rear Door Surround
- 19. Lower Rear Door Surround
- 20. Rear Deck
- 21. Upper Deck Access
- 22. Seating Deck
- 23. Rear Access Ramp
- 24. Ethereal Seating Deck



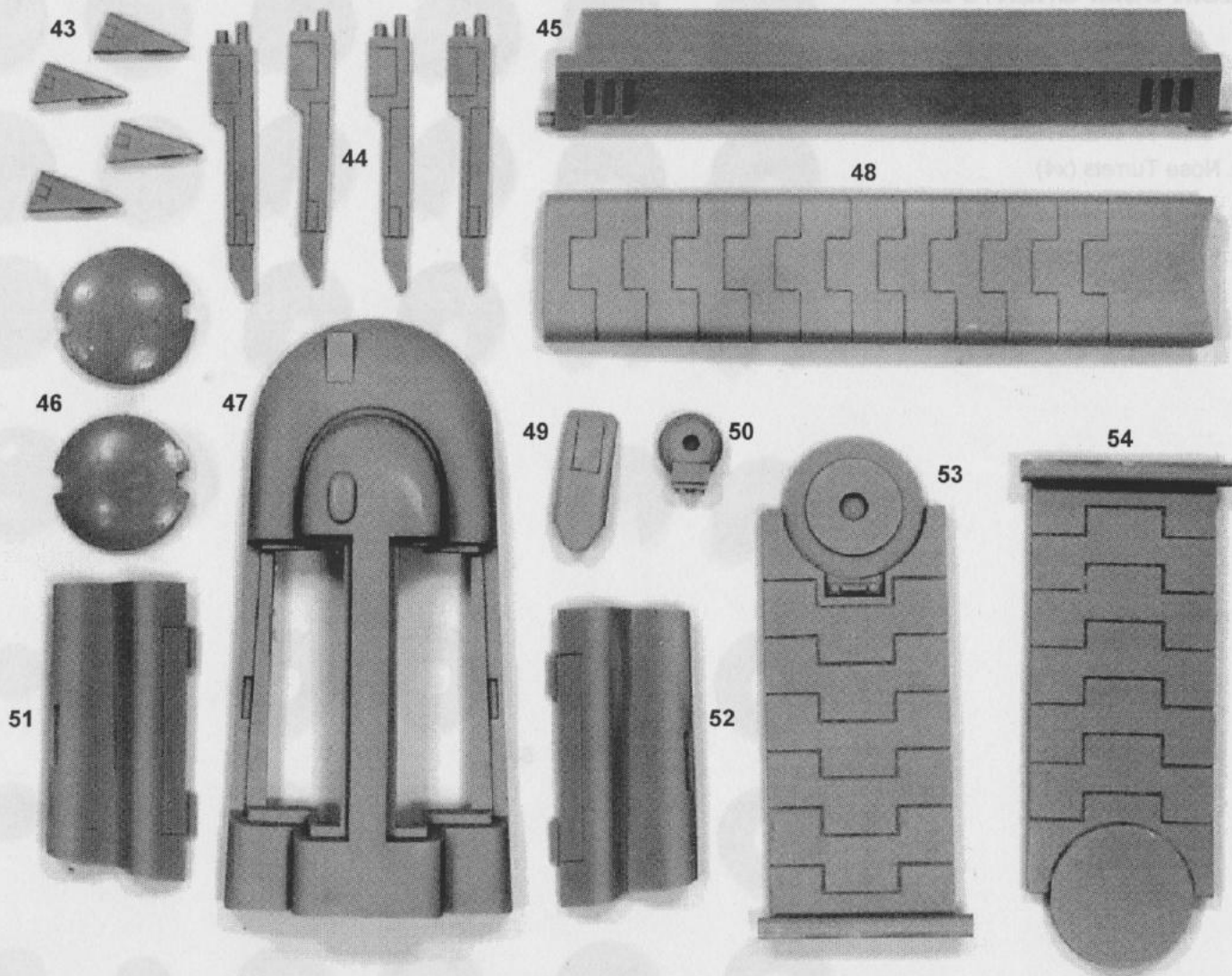
RESIN COMPONENTS LIST

- 25. Tank Bay
- 26. Tank Bay Door
- 27. Tank Bay Runners (x2)
- 28. Tank Bay Hinge Mounts (x2)
- 29. Tank Bay Access Lift
- 30. Hinges (x4)
- 31. Hinge Pins (x4)



RESIN COMPONENTS LIST

- 43. Antennas Mounts (x4)
- 44. Antennas (x4)
- 45. Rear Ramp Cover
- 46. Underside Domes (x2)
- 47. Cockpit
- 48. Control Centre Cover
- 49. Markerlight Mount
- 50. Markerlight Turret
- 51. Left Cockpit Door
- 52. Right Cockpit Door
- 53. Rear Troop Door 1
- 54. Rear Troop Door 2



RESIN COMPONENTS LIST

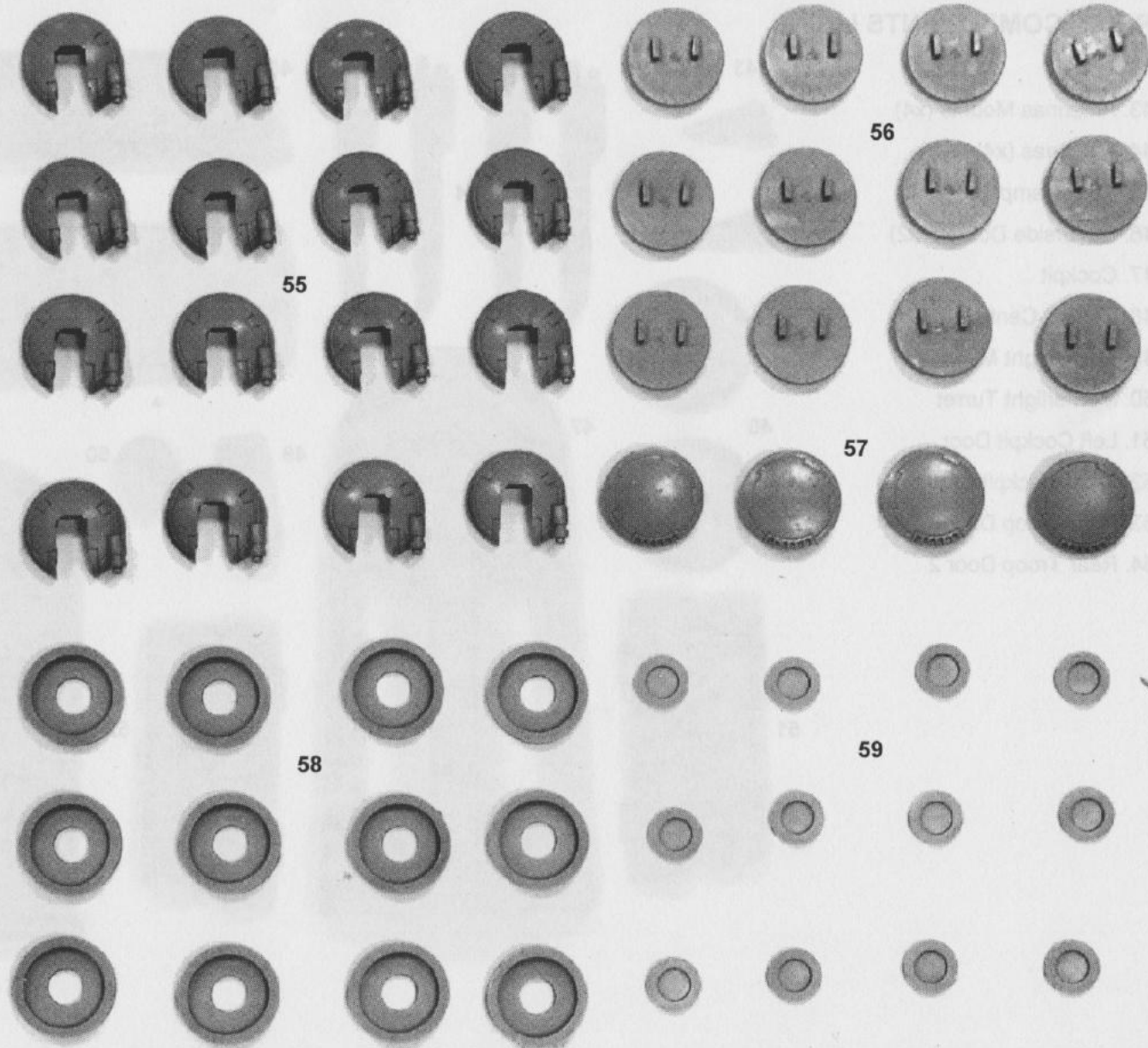
55. Burst Cannon Pod (x16)

56. Wing Turrets (x12)

57. Nose Turrets (x4)

58. Wing Turret Mounts (x12)

59. Wing Turret Locks (x12)



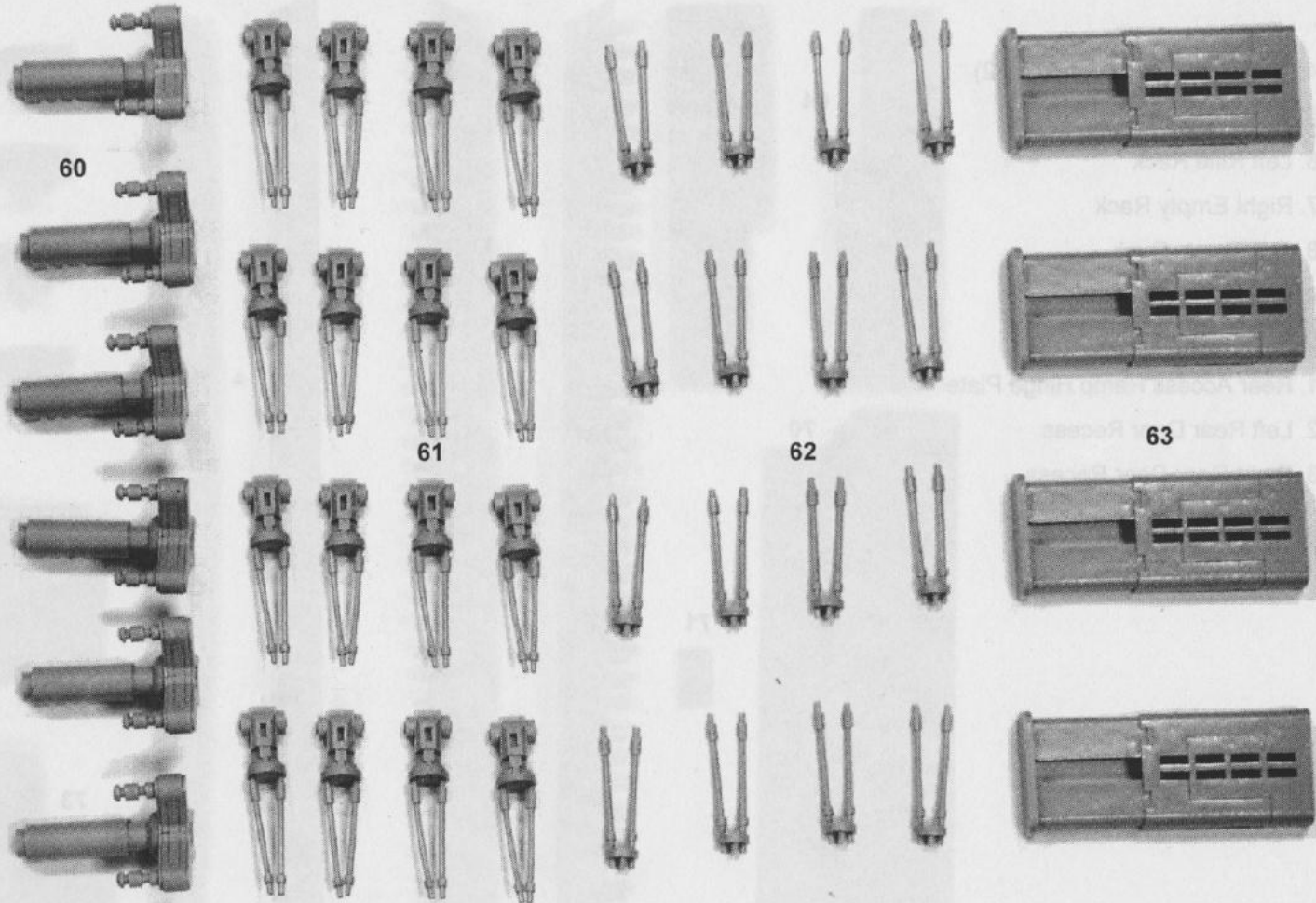
RESIN COMPONENTS LIST

60. Ion Cannons (x6)

61. Burst Cannons (x16)

62. Burst Cannon Barrels (x16)

63. Heavy Railgun Halves (x4)



RESIN COMPONENTS LIST

64. Tank Bay Door Supports (x2)

65. Right Rifle Rack

66. Left Rifle Rack

67. Right Empty Rack

68. Left Empty Rack

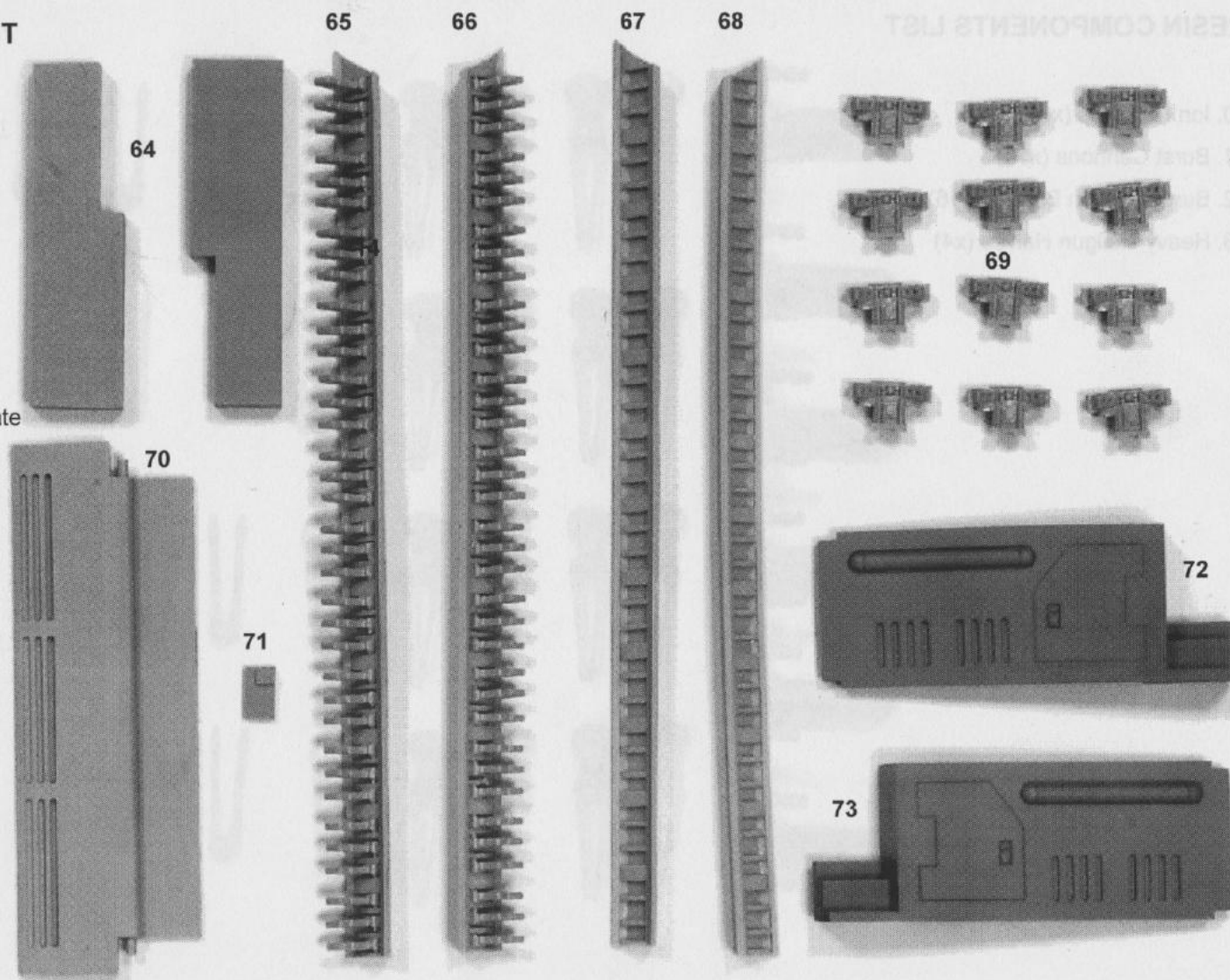
69. Drone Mounts (x12)

70. Rear Access Ramp Foot

71. Rear Access Ramp Hinge Plate

72. Left Rear Door Recess

73. Right Rear Door Recess

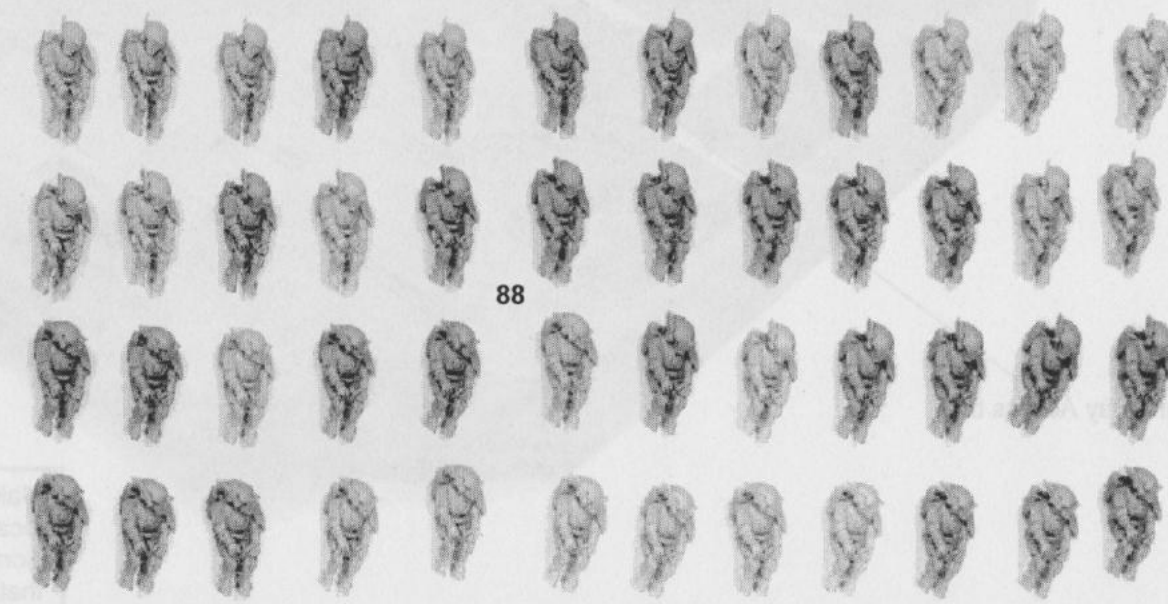
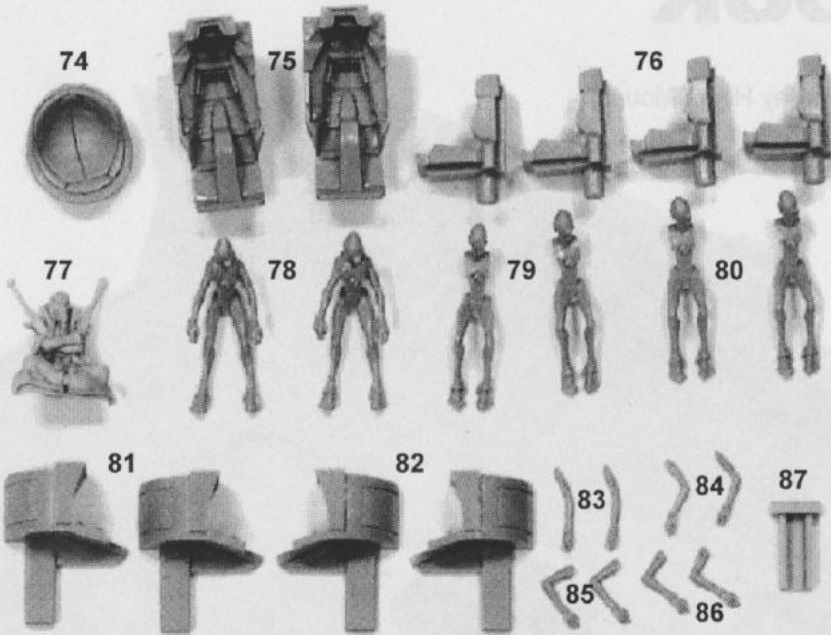


IMPERIAL ARMOUR

PERSONNEL

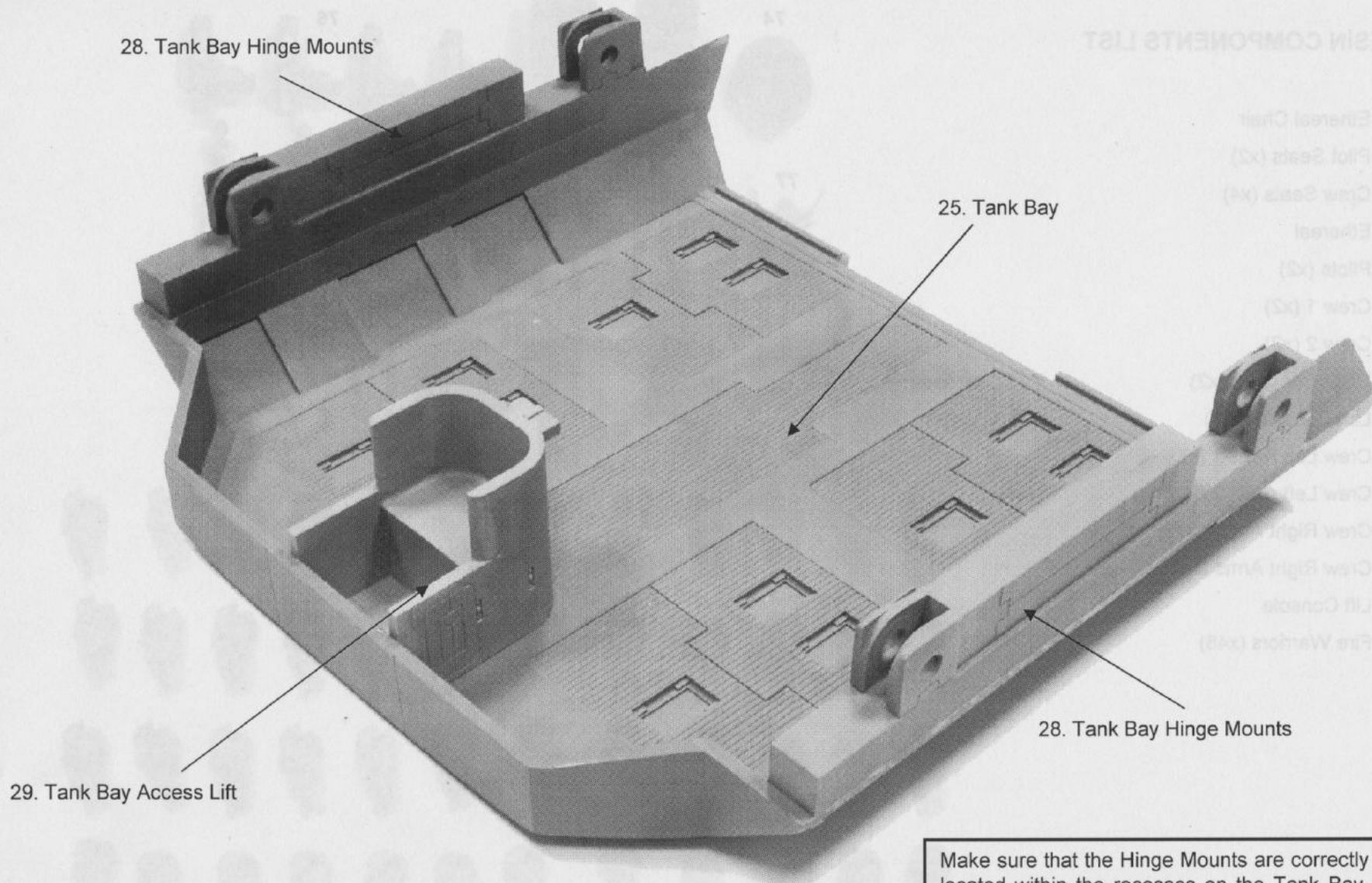
RESIN COMPONENTS LIST

- 74. Ethereal Chair
- 75. Pilot Seats (x2)
- 76. Crew Seats (x4)
- 77. Ethereal
- 78. Pilots (x2)
- 79. Crew 1 (x2)
- 80. Crew 2 (x2)
- 81. Right Consoles (x2)
- 82. Left Consoles (x2)
- 83. Crew Left Arms 1 (x2)
- 84. Crew Left Arms 2 (x2)
- 85. Crew Right Arms 1 (x2)
- 86. Crew Right Arms 2 (x2)
- 87. Lift Console
- 88. Fire Warriors (x48)



...the hinge mount is flush with Tank Bay edge...
 ...some sanding may be necessary to ensure...
 ...aligned with the recesses on the Tank Bay...
 ...also note that the hinge mounts are exactly...

INITIAL TANK BAY ASSEMBLY INSTRUCTIONS



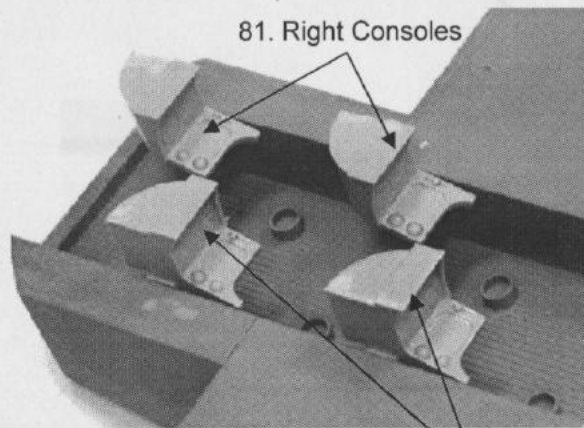
28. Tank Bay Hinge Mounts

25. Tank Bay

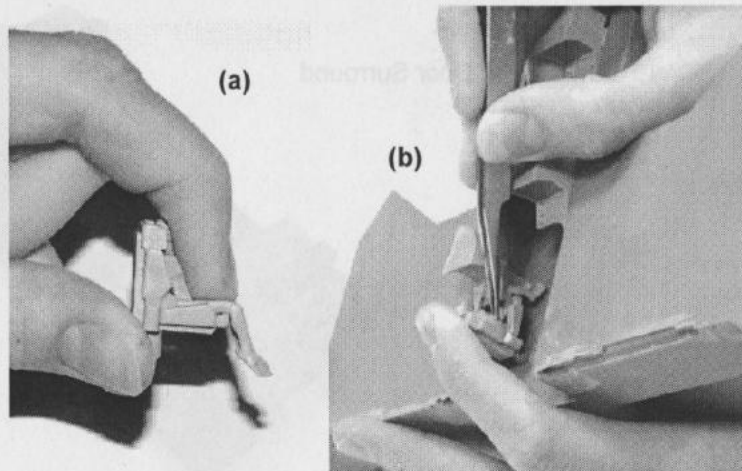
29. Tank Bay Access Lift

28. Tank Bay Hinge Mounts

Make sure that the Hinge Mounts are correctly located within the recesses on the Tank Bay. Some sanding may be necessary to ensure that Hinge Mount is flush with Tank Bay edge.

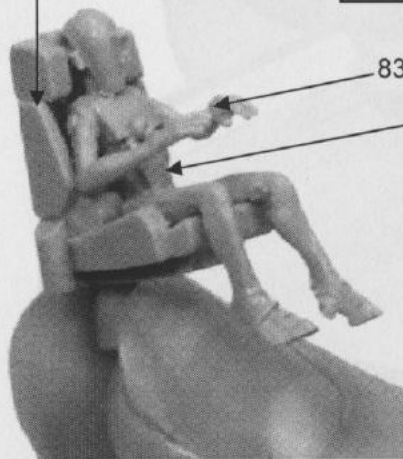


Note: There is a slight gap between the consoles and the side walls.



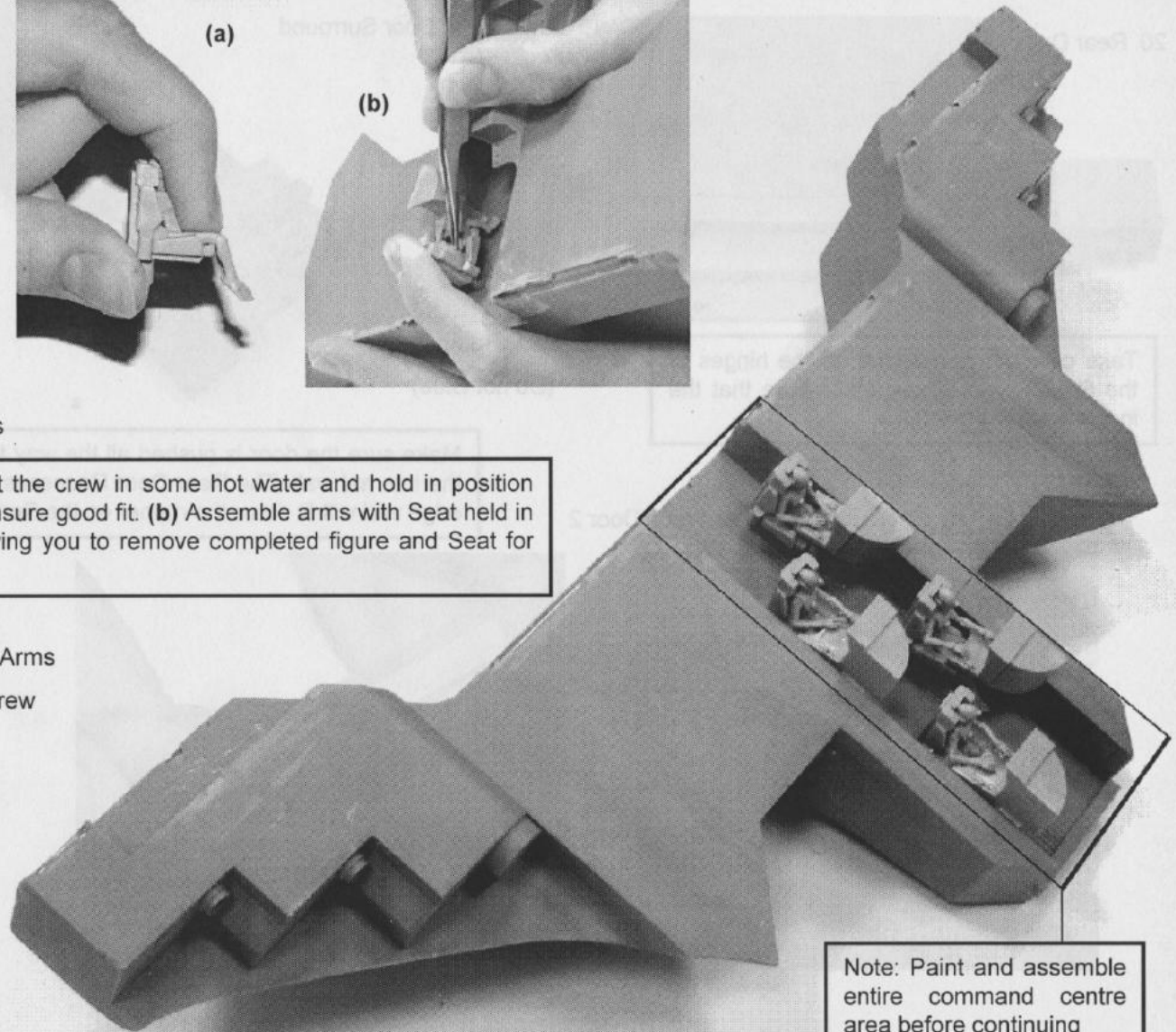
Note: **(a)** Heat the crew in some hot water and hold in position until cool to ensure good fit. **(b)** Assemble arms with Seat held in position, allowing you to remove completed figure and Seat for painting.

76. Crew Seats

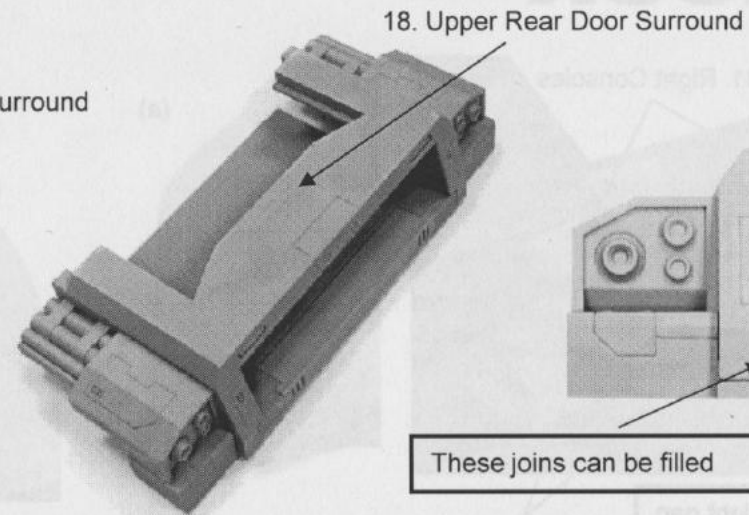
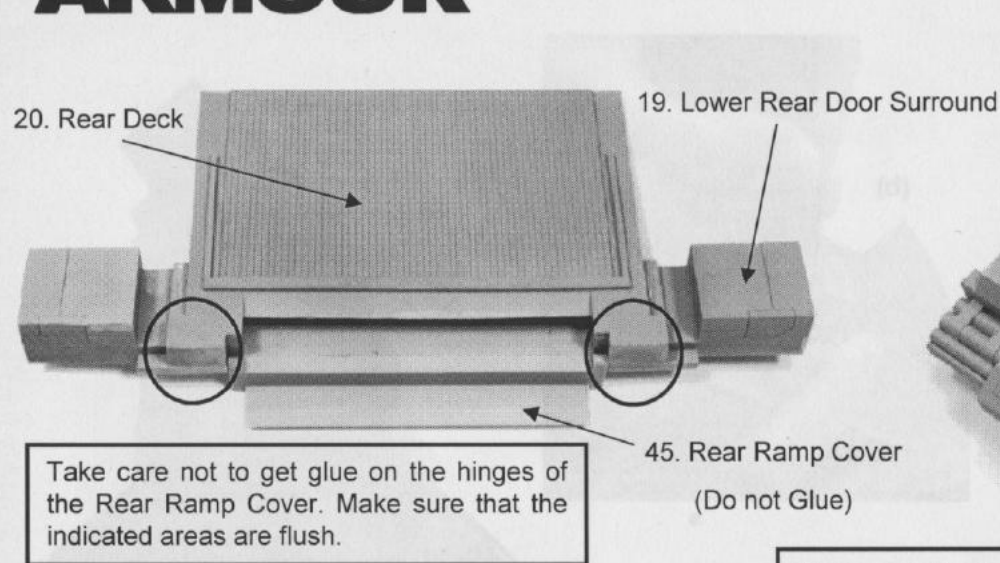


83-86. Crew Arms

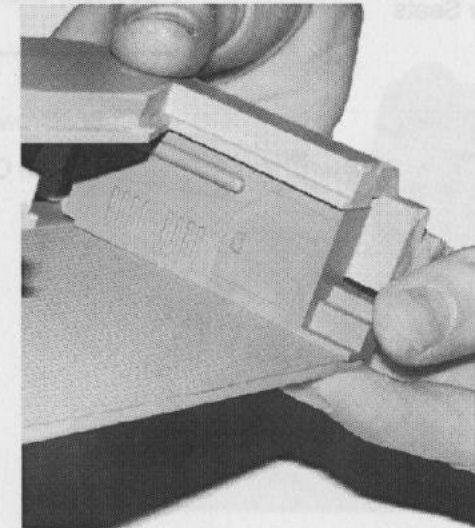
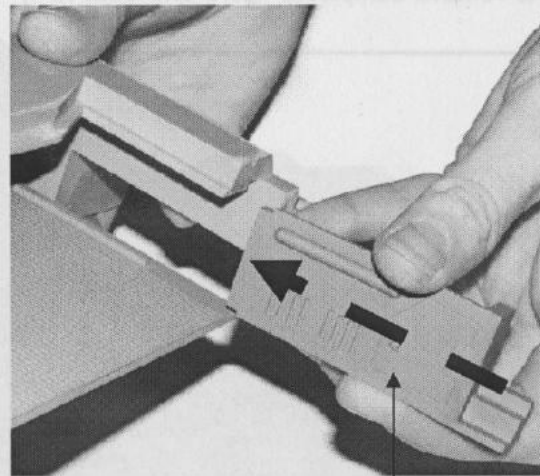
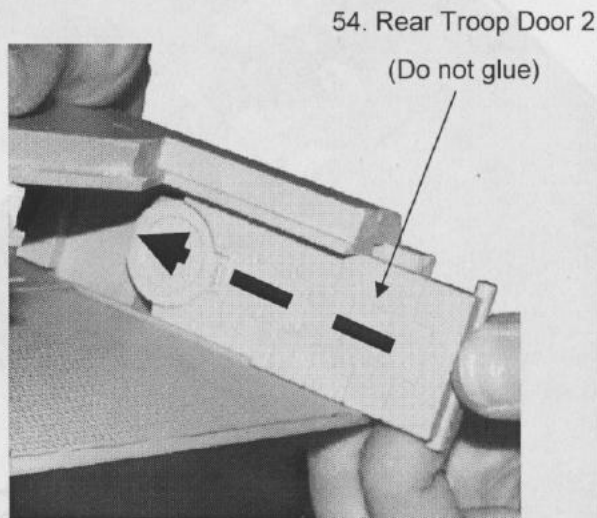
79-80. Crew

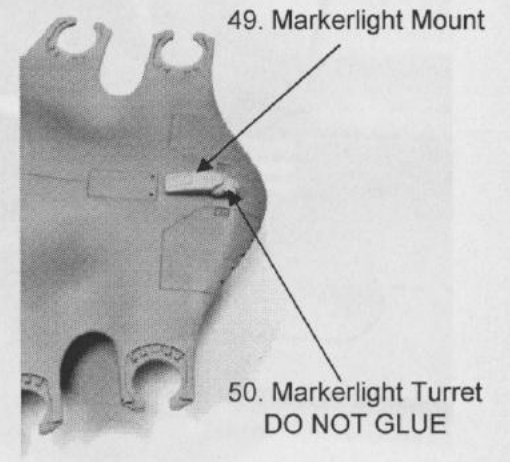
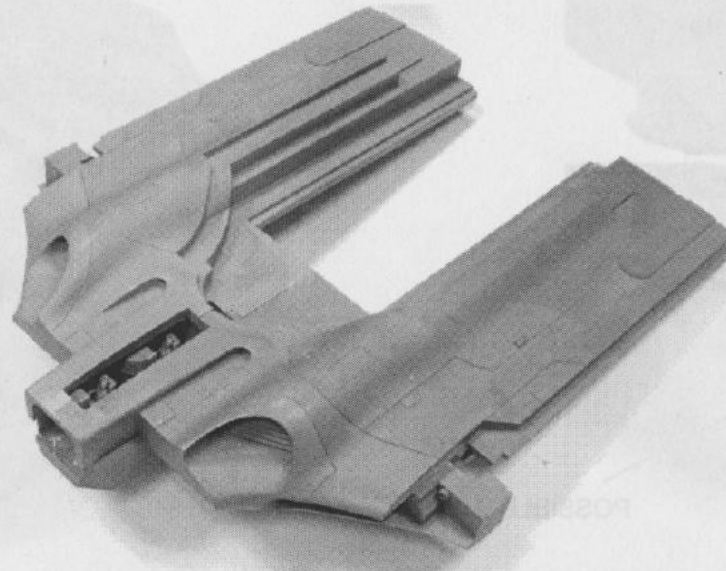
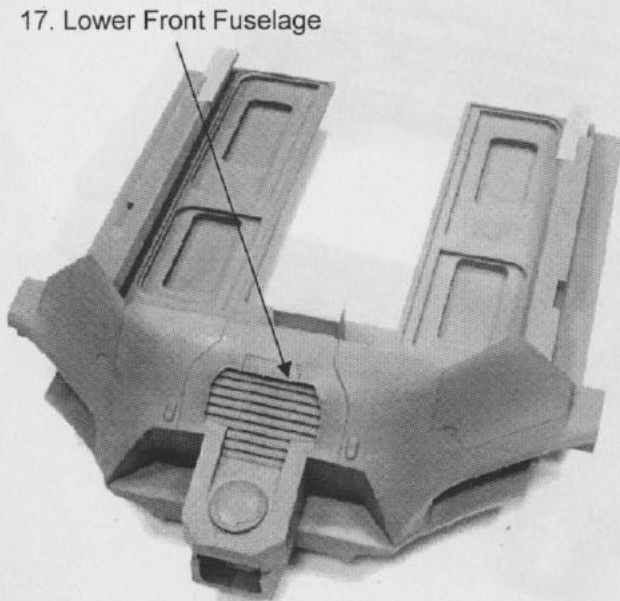
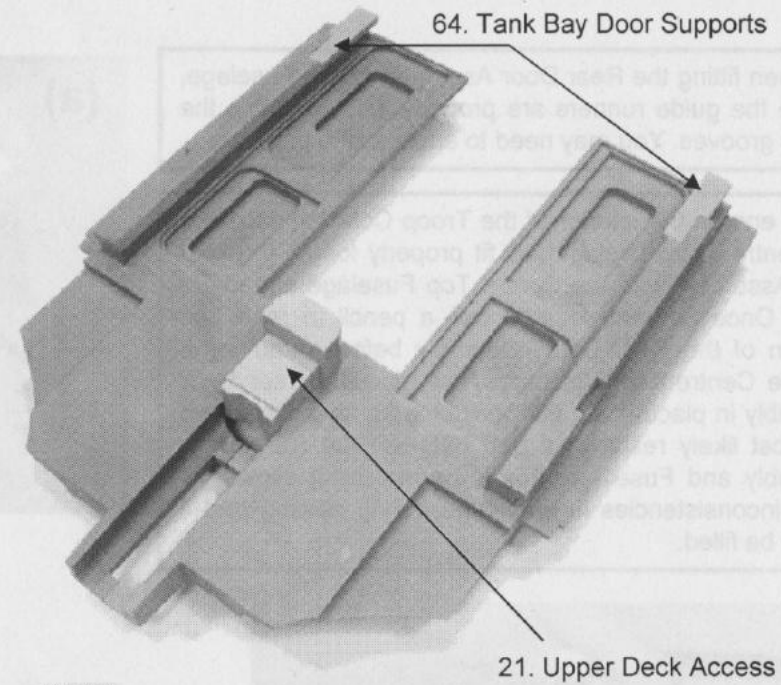
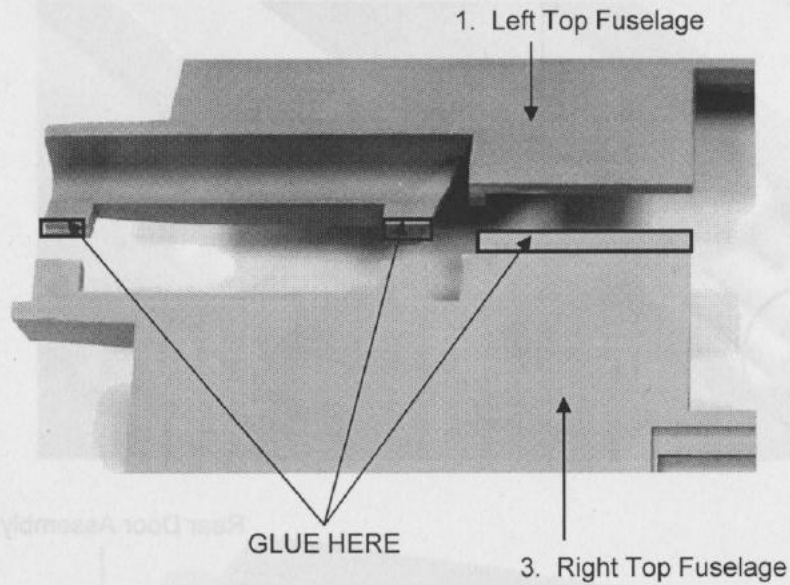


REAR DOOR ASSEMBLY INSTRUCTIONS



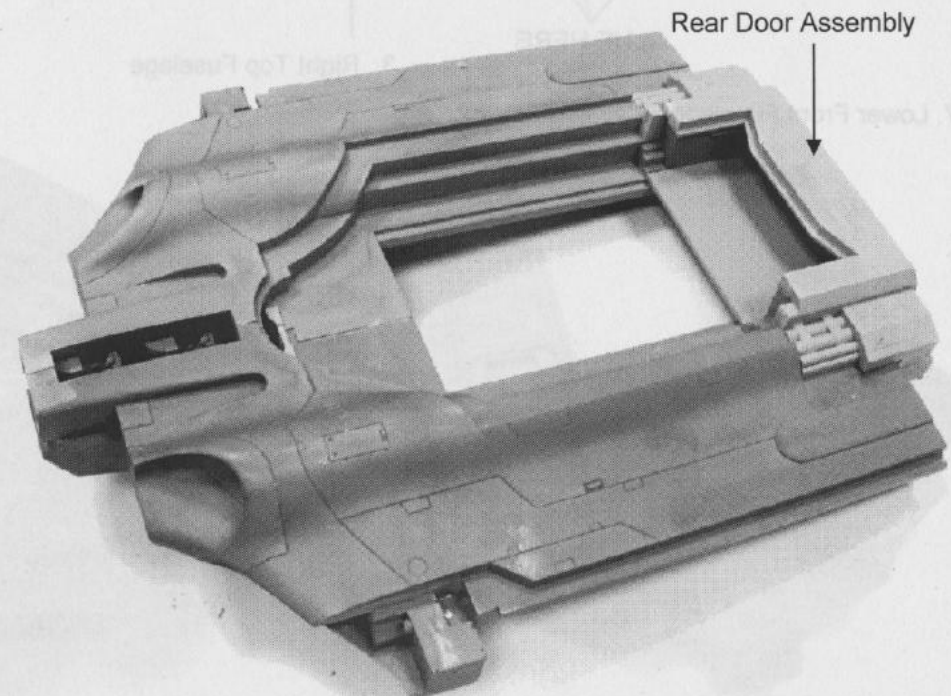
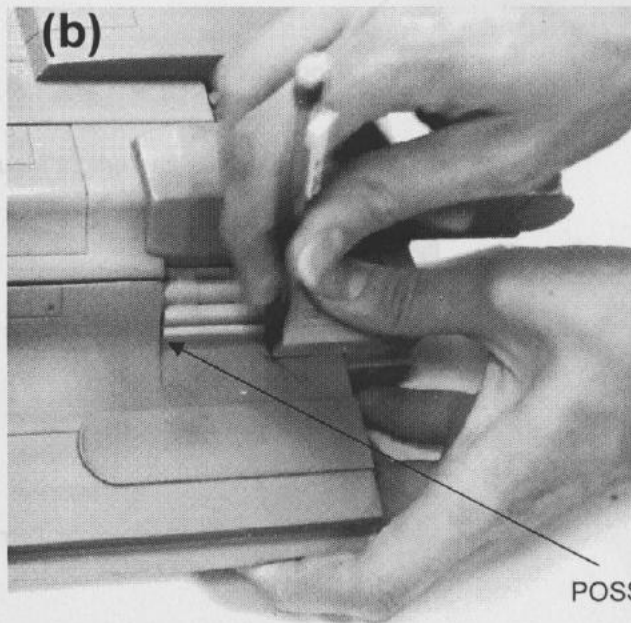
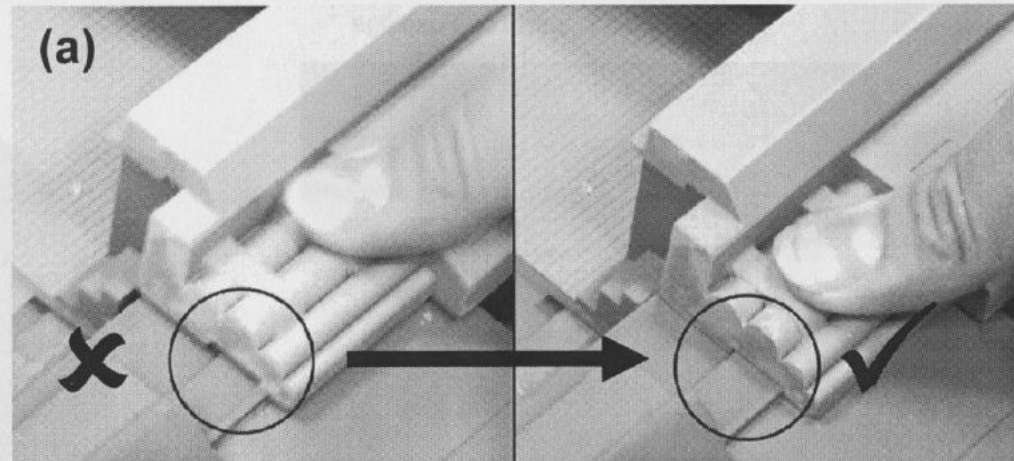
Make sure the door is pushed all the way to the end with the hinge bar towards the internal wall. The Rear Door Recesses should only have glue on the bottom edge and will fit down the runner on the Rear Deck, flush to the tiled floor.



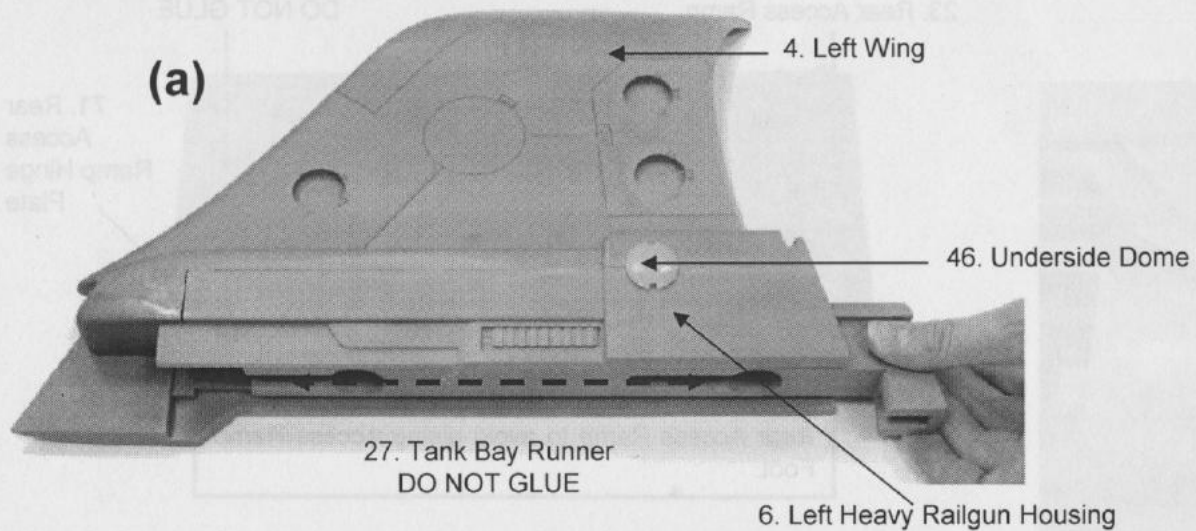


(a) When fitting the Rear Door Assembly to the Fuselage, ensure the guide runners are properly located within the recess grooves. You may need to apply a little pressure.

(b) To ensure the interior of the Troop Compartment and the Centre Top Fuselage will fit properly locate the rear Door Assembly with the Centre Top Fuselage already in place. Once properly located use a pencil to mark the position of the Rear Door Assembly before removing it and the Centre Top Fuselage. Now glue the Rear Door Assembly in place using the pencil marks as guides. This will most likely result in a gap between the Rear Door Assembly and Fuselage, this is normal as it allows for minor inconsistencies in shrinkage during casting and it should be filled.



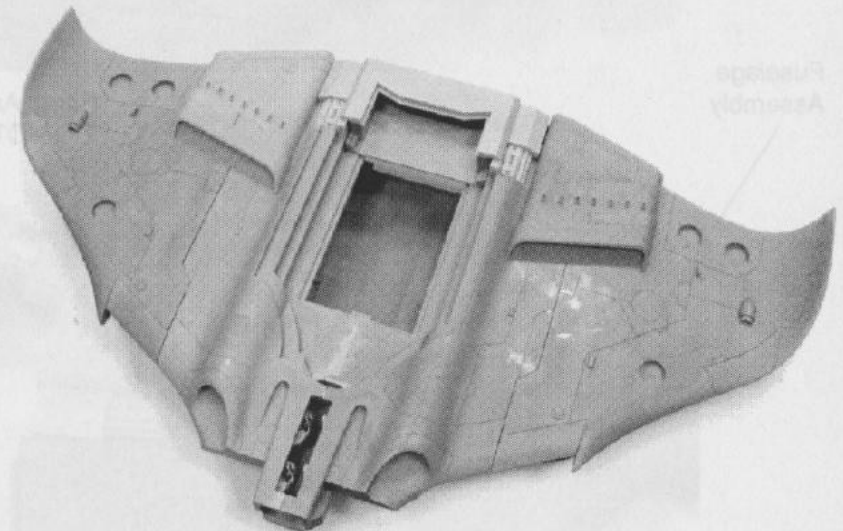
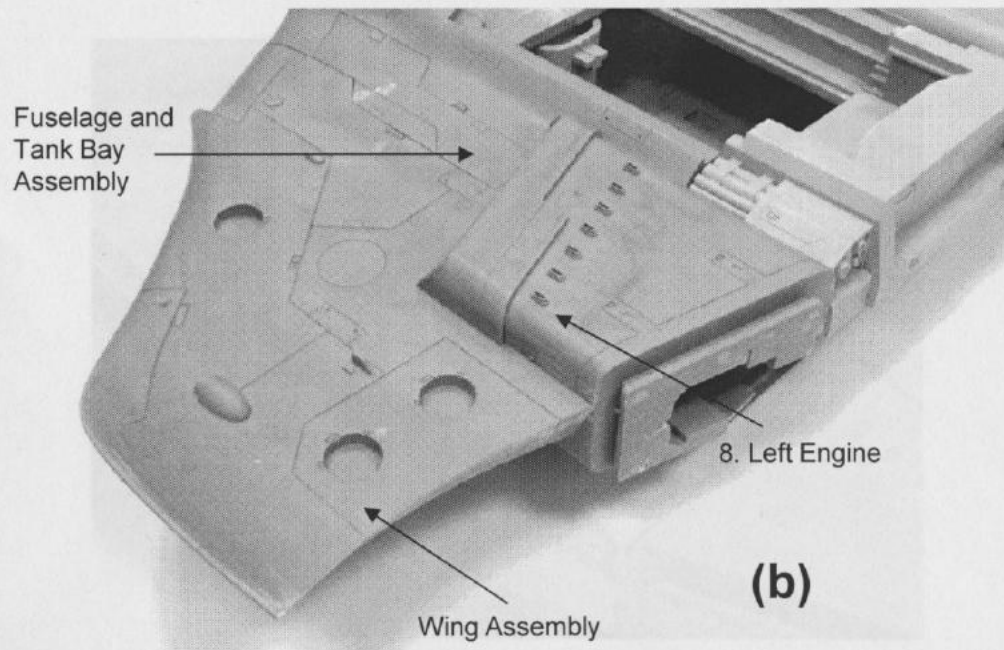
WING ASSEMBLY INSTRUCTIONS



(a) Ensure that the Tank Bay Runner will slide freely within the channel created once the Heavy Railgun Housing is attached to the Wing.

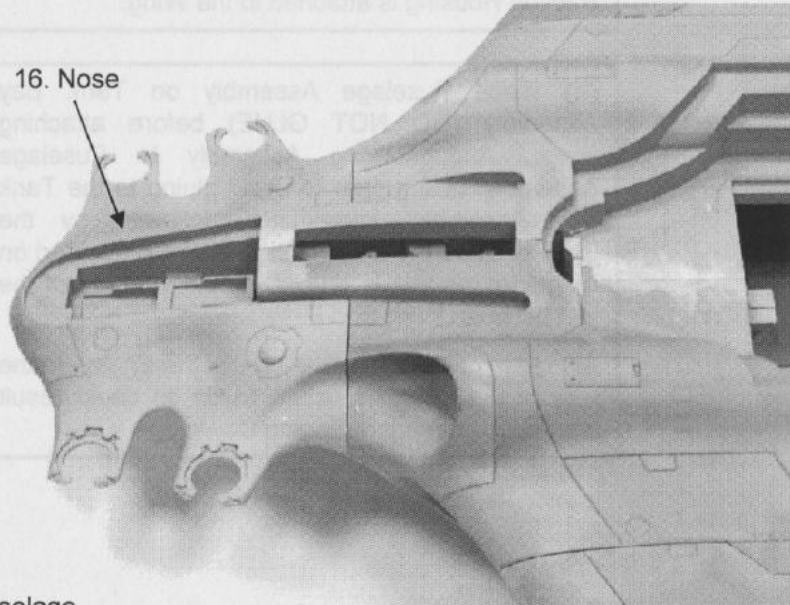
(b) Place Fuselage Assembly on Tank Bay Assembly (DO NOT GLUE) before attaching wings. Attach Wing Assembly to Fuselage Assembly, taking care to avoid gluing to the Tank Bay Assembly, immediately followed by the Engine. Ensure the Engine is accurately located on its guides as this is crucial for the integrity of the join between Wing and Fuselage.

Also take care to align the rear of the Engine to the rear of the Wing as failure to do so could result obstructing fitment of Engine Cowls.

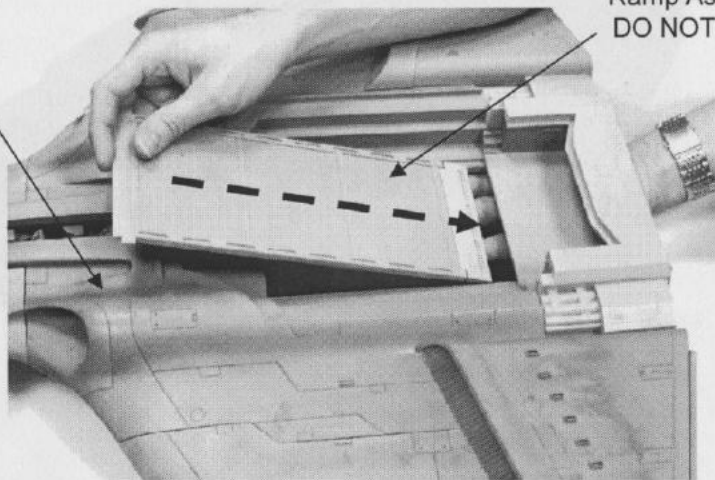


NOSE AND RAMP INSTALLATION

16. Nose



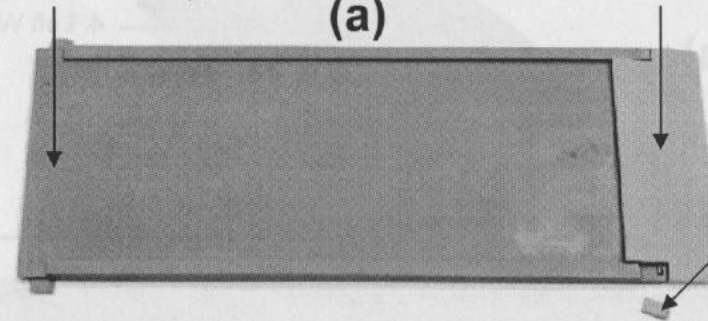
Fuselage Assembly



Ramp Assembly
DO NOT GLUE

23. Rear Access Ramp

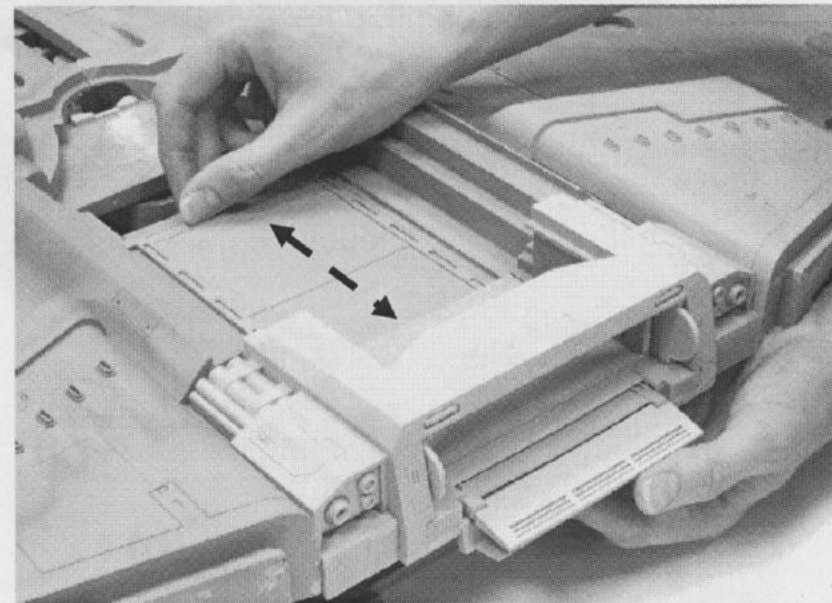
(a)



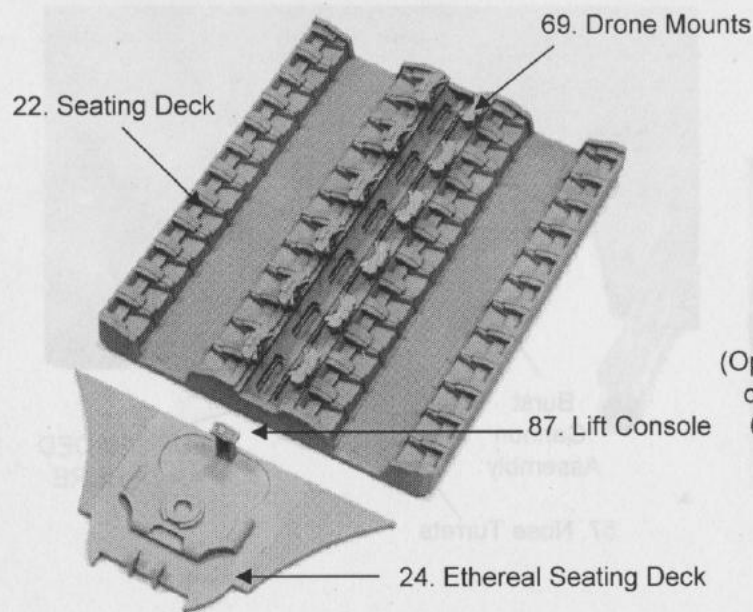
70. Rear Access Ramp Foot
DO NOT GLUE

71. Rear
Access
Ramp Hinge
Plate

(a) Take care when attaching Hinge Plate to the Rear Access Ramp to avoid gluing Access Ramp Foot.



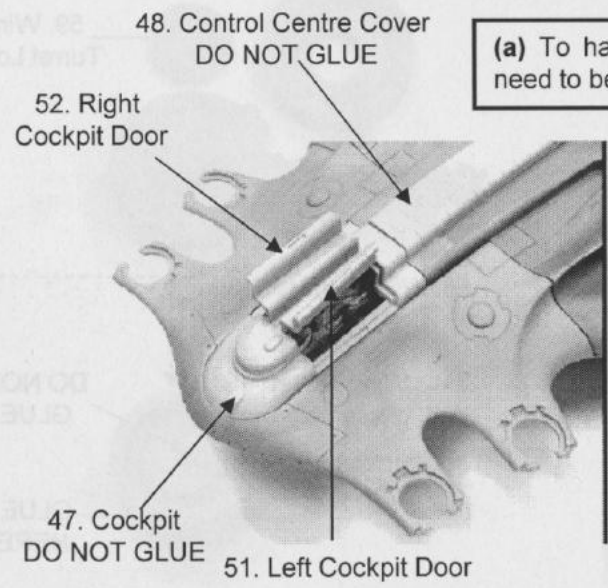
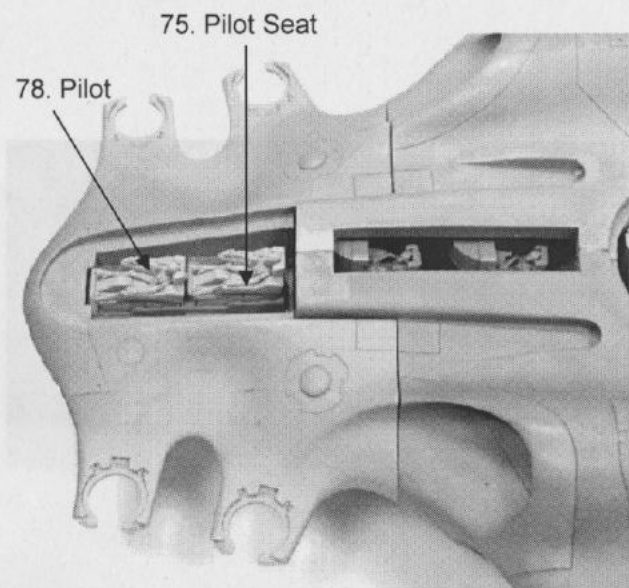
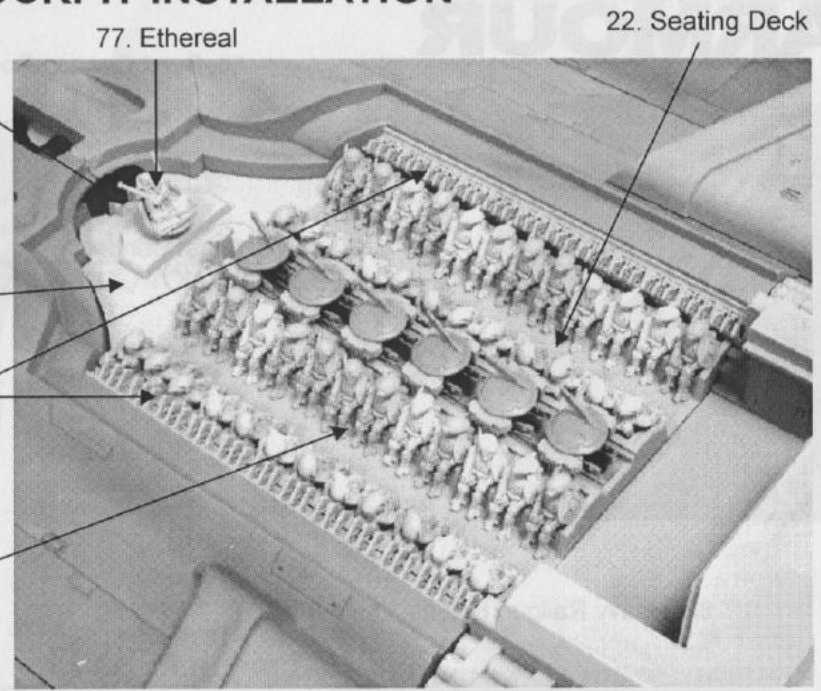
UPPER DECK AND COCKPIT INSTALLATION



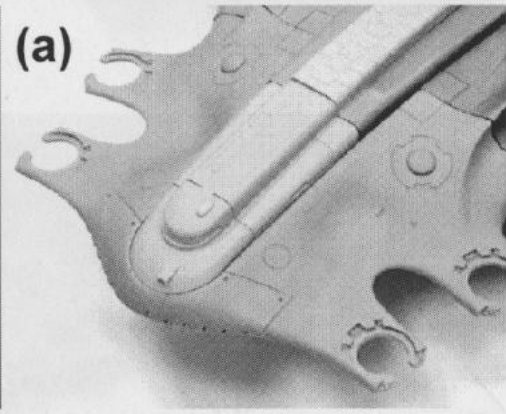
74. Ethereal Chair

24. Ethereal Seating Deck

65-66. Rifle Rack
(Option: The Rifle Racks can be replaced with 67-68 Empty Rack)

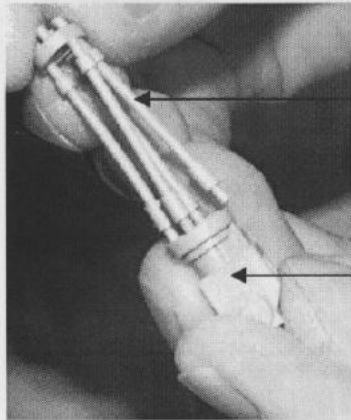


(a) To have the cockpit doors closed the hinges need to be trimmed off.



IMPERIAL ARMOUR

WEAPONS



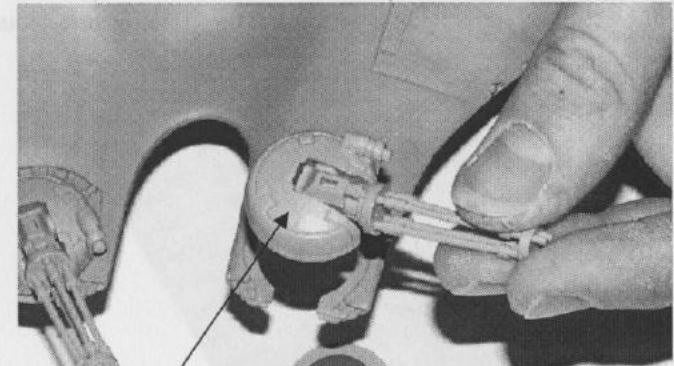
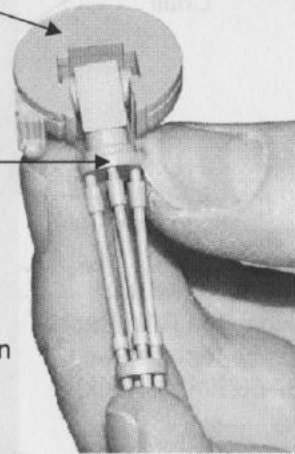
62. Burst Cannon Barrels

61. Burst Cannons

55. Burst Cannon Pod

Burst Cannon
DO NOT GLUE

Burst Cannon
Assembly

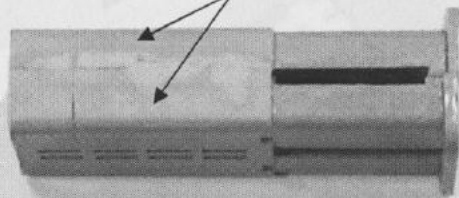


Burst Cannon
Assembly

GLUE SHADED
AREA HERE

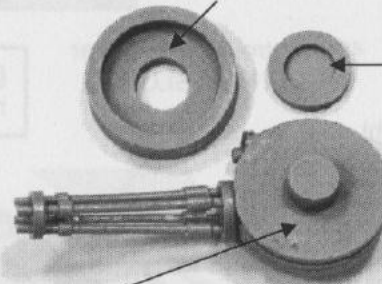
57. Nose Turrets

63. Heavy Railgun Halves



58. Wing Turret Mounts
DO NOT GLUE

59. Wing
Turret Locks

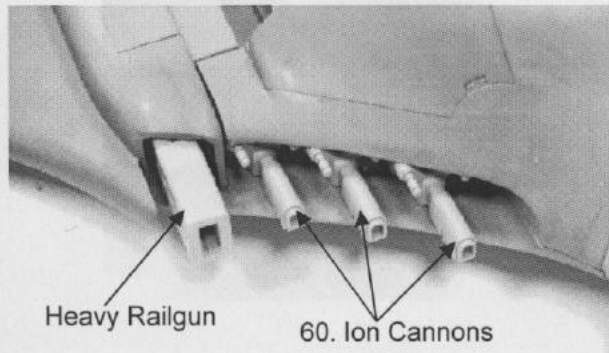
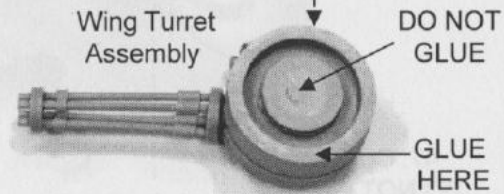


56. Wing Turrets

Wing Turret
Assembly

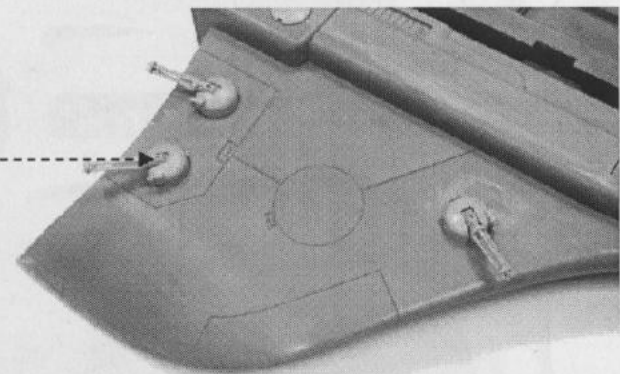
DO NOT
GLUE

GLUE
HERE



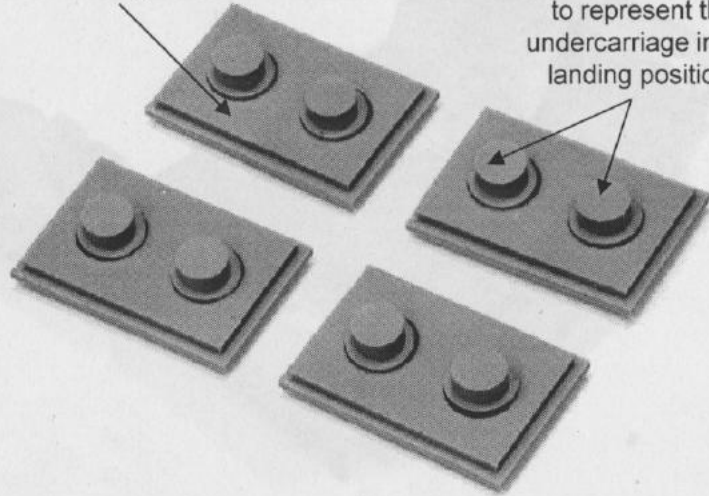
Heavy Railgun

60. Ion Cannons



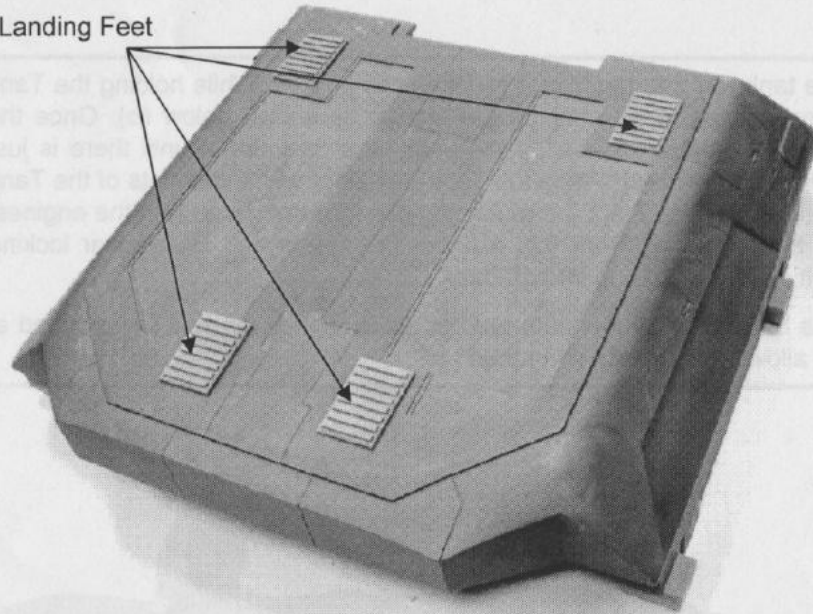
LANDING FEET AND ENGINES

40. Landing Feet



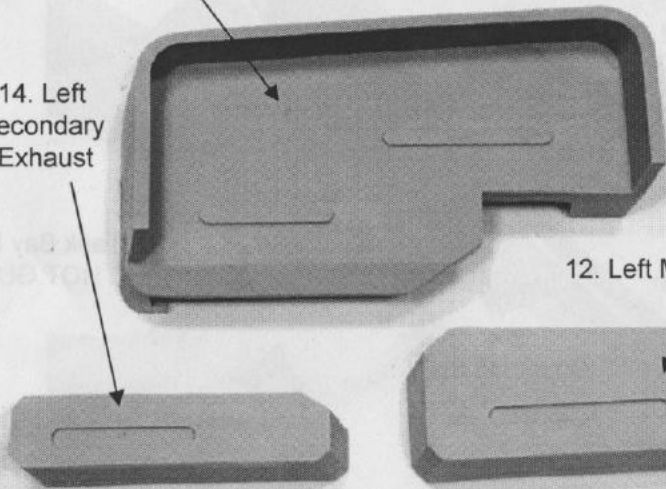
41. Landing Struts
(Add only if you wish to represent the undercarriage in the landing position.)

40. Landing Feet



10. Left Engine Cowl

14. Left Secondary Exhaust

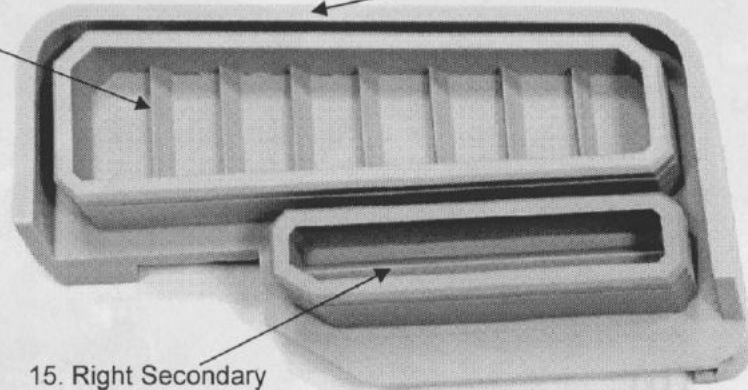


12. Left Main Exhaust

13. Right Main Exhaust

11. Right Engine Cowl

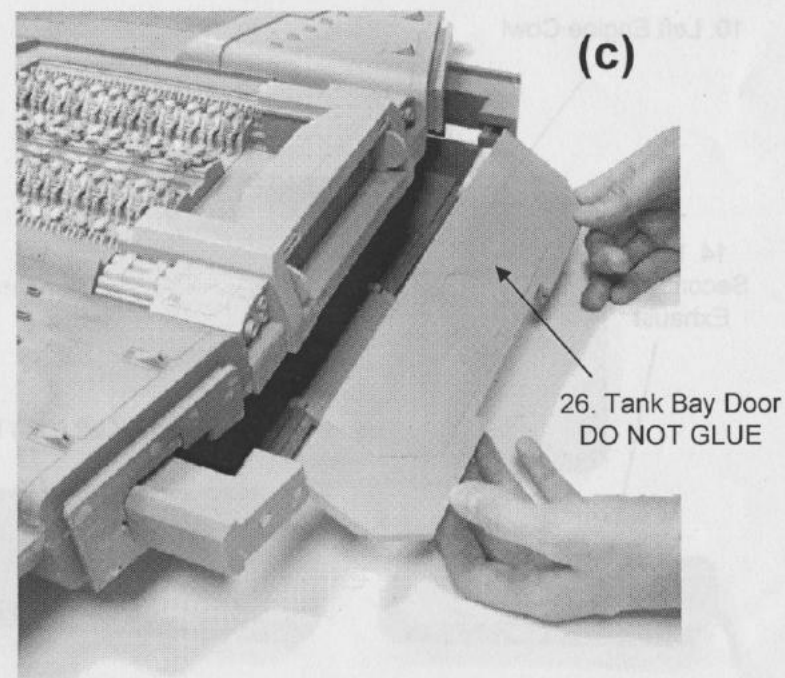
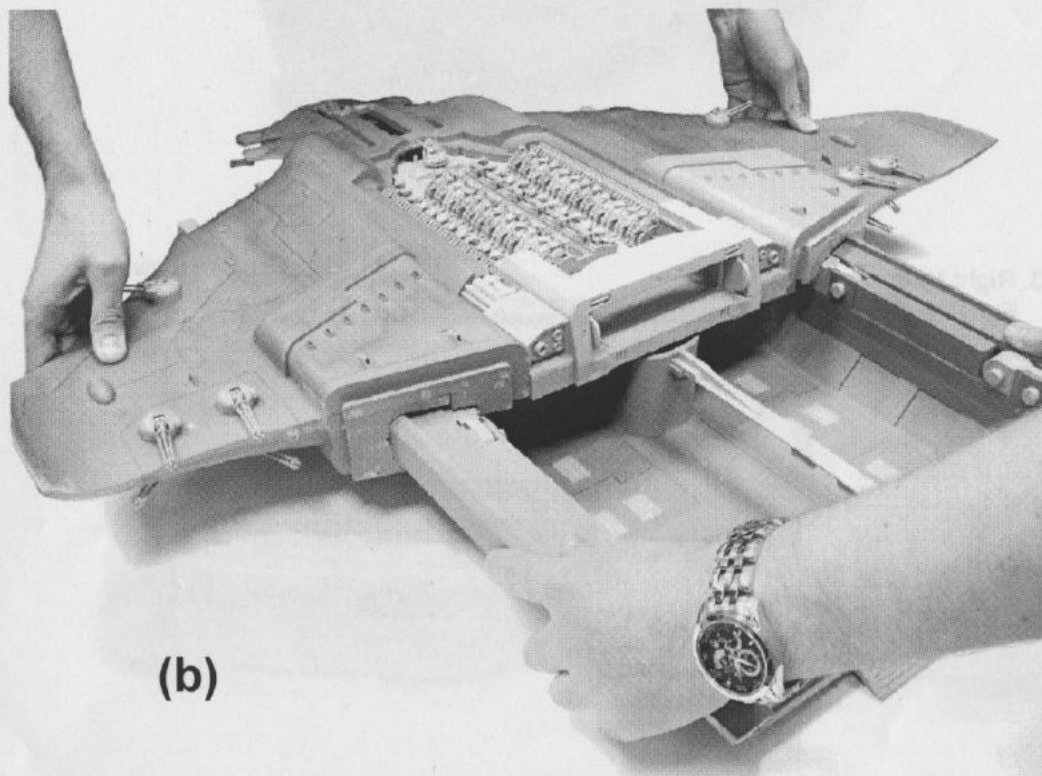
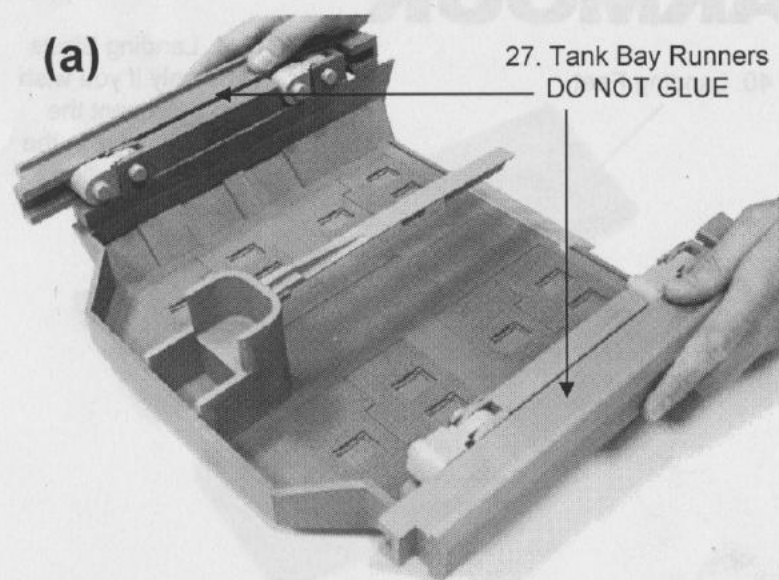
15. Right Secondary Exhaust

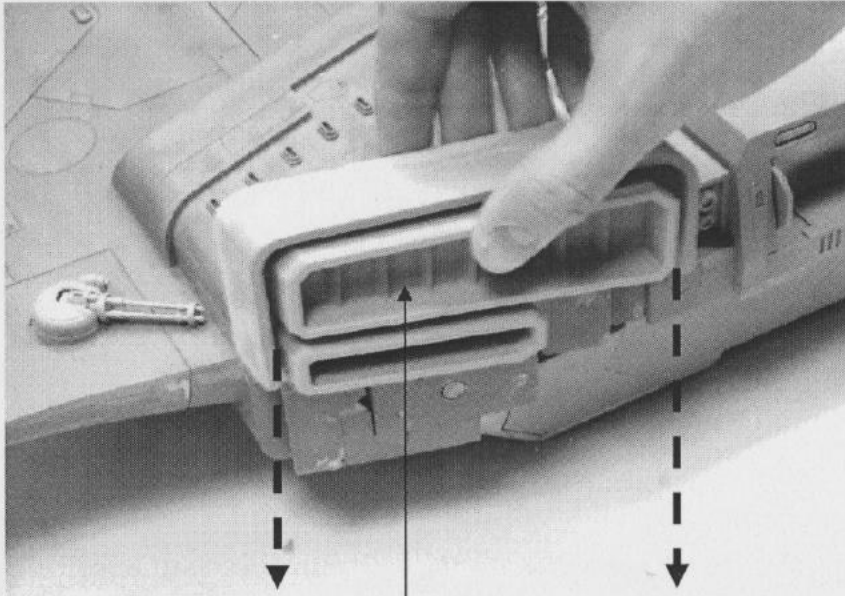


TANK BAY INSERTION

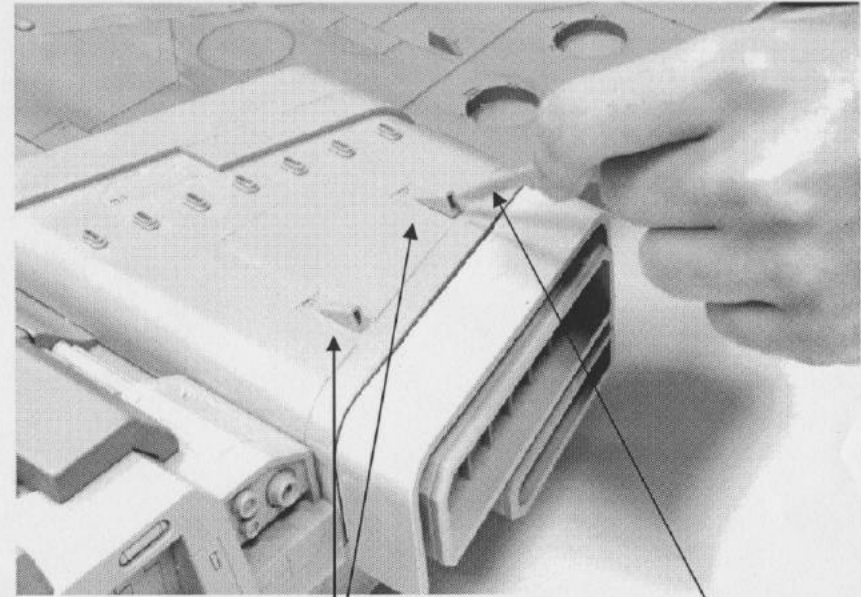
Fitting the tank bay into the Manta requires two people. While holding the Tank Bay Runners in place (a) offer up the Manta, as shown below (b). Once the runners are located in the rear of the engines slide them in until there is just short gap as shown in (c). Place the Tank Bay Door within the slots of the Tank Bay Runners and slide them the remaining distance until flush with the engines. To close the Tank Bay Door fold it under the Manta and lift to clear locking grooves. It should then drop into grooves.

NOTE: As the Tank Bay Runners are not glued in the bay may be removed at any time, allowing access to you tanks.





Engine Assembly
DO NOT GLUE



43. Antennas Mounts

44. Antenna
DO NOT GLUE

Dropping The Bay

Open the Tank Bay Door and leave it hanging loose. Slide the Manta forwards as far as it will go to unlock the Bay hinges. Lift the Manta, holding the Bay against the ground (You may need some assistance). It should move upwards and rearwards to lock into the open position. The Tank Bay Door then can slide into the roofline to stay open.