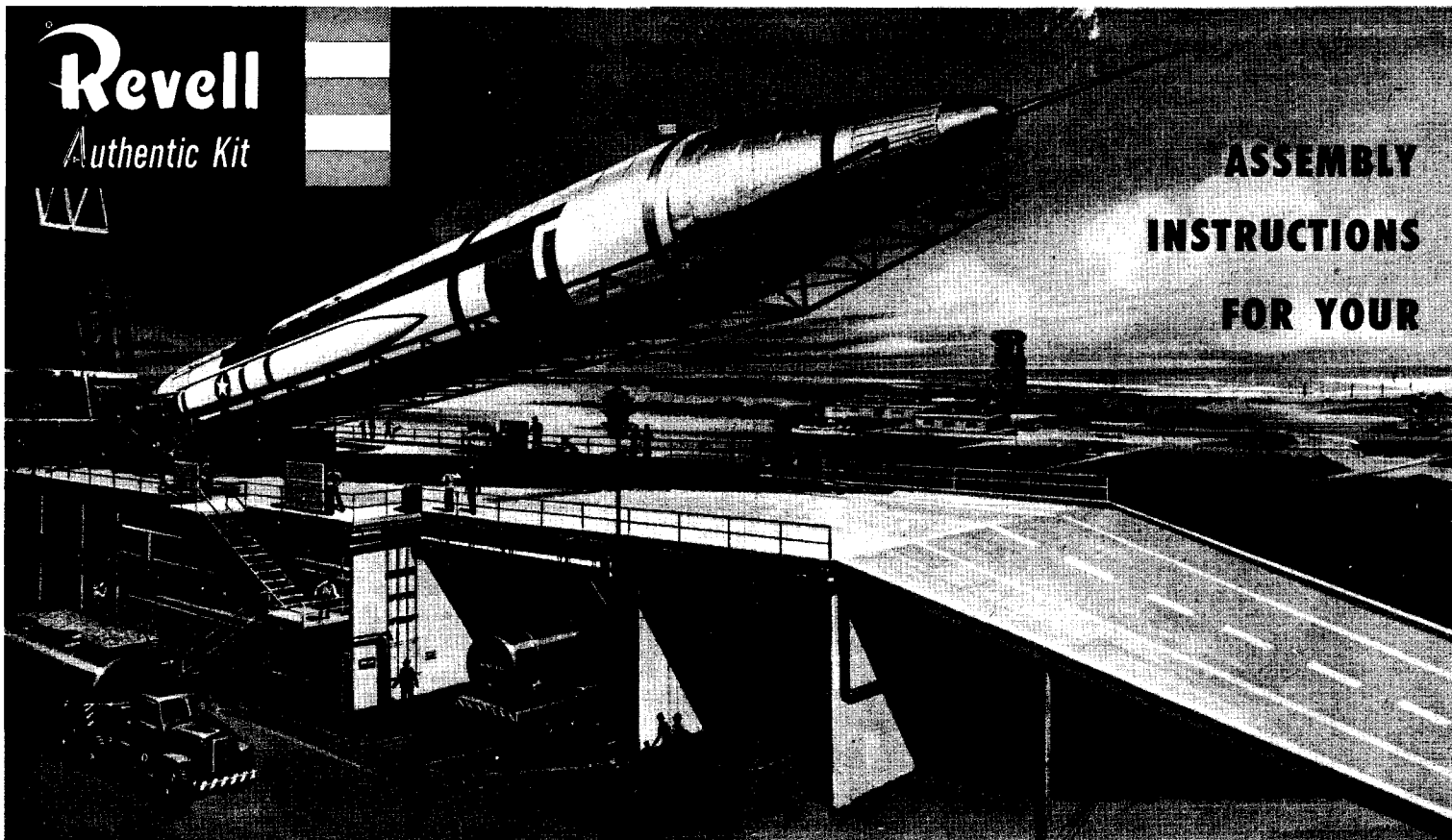


Revell
Authentic Kit

WV

**ASSEMBLY
INSTRUCTIONS
FOR YOUR**



**AMERICA'S FIRST
INTERCONTINENTAL BALLISTIC MISSILE**

**C O N V A I R
ATLAS**

SOME INTERESTING FACTS ABOUT YOUR ATLAS SM-65

America's first intercontinental ballistic missile, the ATLAS is designed to deliver thermonuclear warheads to targets over 5,000 miles away. Weighing 243,000 pounds, the ATLAS is powered with liquid-fueled engines developing nearly 4,000,000 pounds of thrust. The missile begins its flight with all three of its engines in operation. Several seconds after the blast-off, the booster engines drop away and the sustainer engine carries the missile upward until burn-out. Two small "vernier" engines, located in the lower section of the main body, supply roll control and thrust adjustment during the powered phase of flight.


The overall length of the ATLAS is approximately 75 feet, and its diameter is 10 feet.

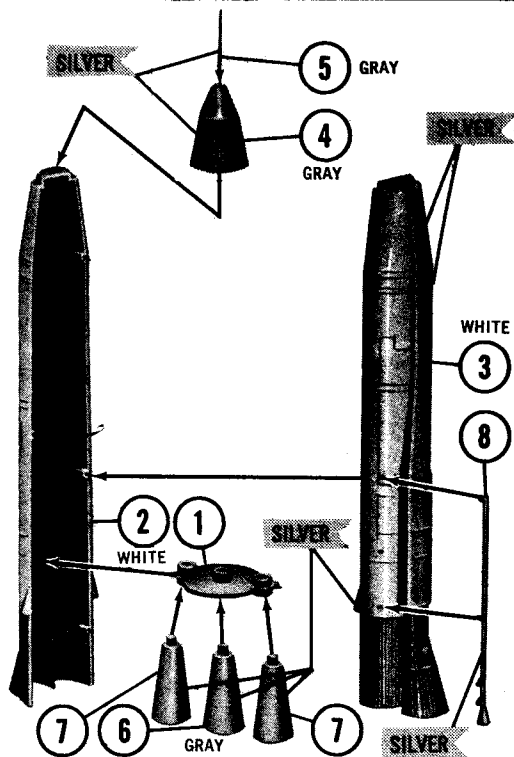
Apart from its military applications, the ATLAS will also play a major part in the peaceful explorations of space. Already the main stages of the big rocket have been used to boost various research packages into space. The most noteworthy of these was Project Score, in which the entire missile was put into a short-lived orbit, carrying 168 pounds of communications equipment. The rocket carried a small tape recorder and, on command from ground stations, played a recording of a message from President Eisenhower. Many other ground-to-satellite, and satellite-to-ground transmissions were made.

ATLAS is also expected to be used in Project Argus—this country's first manned satellite program, now in its first stages.

ATLAS, built by CONVAIR, a division of the General Dynamics Corporation, is one of the most important weapons in the hands of the free world and, as such, is a must in any missile collection.

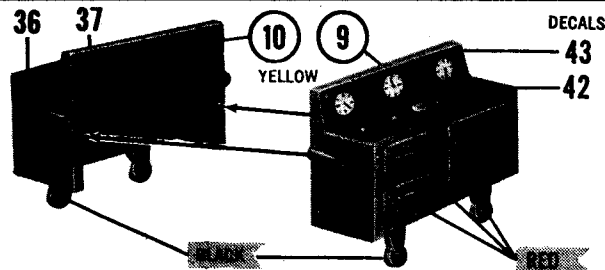
FOR BEST RESULTS READ THIS FIRST

1. All parts are numbered for easy identification, or the numbers are engraved on the bar next to the part. Break each part from its bar only when that part is to be used.
2. For the best fit, carefully trim any excess plastic from parts before assembling.
3. Since this kit is molded of Styrene Plastic, use only REVELL TYPE  CEMENT. Do not let cement touch your eyes or clothing.
4. Apply cement sparingly. Excess cement may run and damage the details on your model.
5. WITH REVELL PAINT SET COLORS, paint all parts where indicated and allow them to dry before assembling.
6. Directions for applying decals are on the back of the Decal Sheet.
7. NOW CAREFULLY FOLLOW THESE NUMBERED STEPS FOR EASE IN BUILDING YOUR MODEL.

1

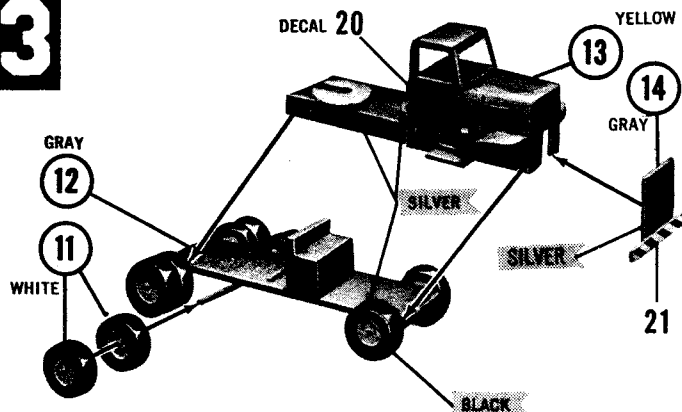
PAINT THE DETAILS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Engine Plate, Part 1, to the Fuselage Left Half, Part 2, as shown. Cement the Fuselage Right Half, Part 3, to the Fuselage Left Half. Now cement the Nose Cone, Part 4, to the Missile. Cement the Pitot Tube, Part 5, to the Nose Cone, as shown. Apply decals to Missile, as shown in Step 16.
- B. Cement the Center Engine Exhaust, Part 6, and the Outboard Engine Exhausts, Parts 7, to the Engine Plate, as shown. Finally, cement the Fuel Pipe, Part 8, to the Right Missile Side, as shown.

2

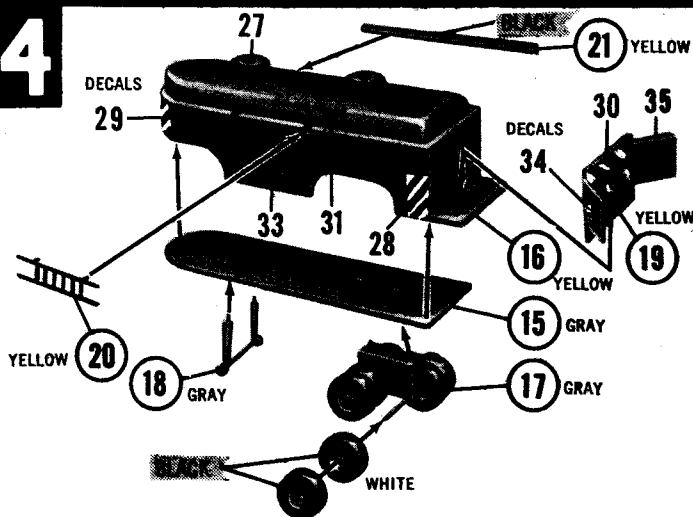
PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Test Stand Right Half, Part 9, to the Test Stand Left Half, Part 10. Set the Test Stand aside to dry.

3

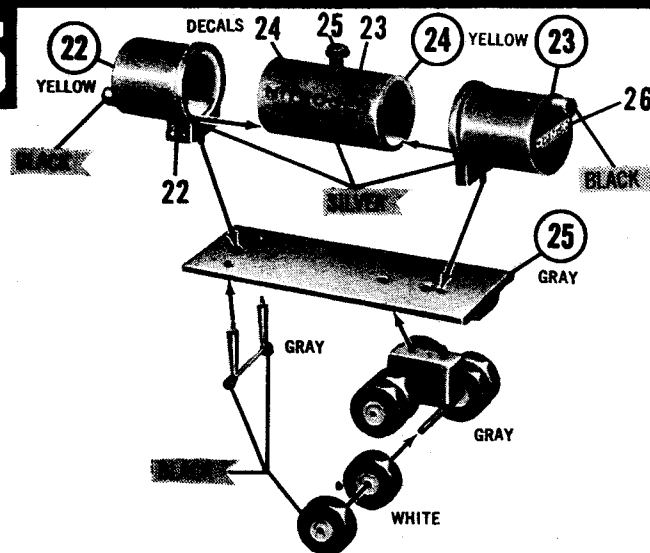
PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Press, do not cement, ten Wheels, Parts 11, to the Truck Chassis, Part 12, as shown. Now cement the Truck Body, Part 13, to the Chassis, as shown. Finally, cement the Truck Grille, Part 14, to the Truck Body, as shown. Set the Truck aside to dry.

4

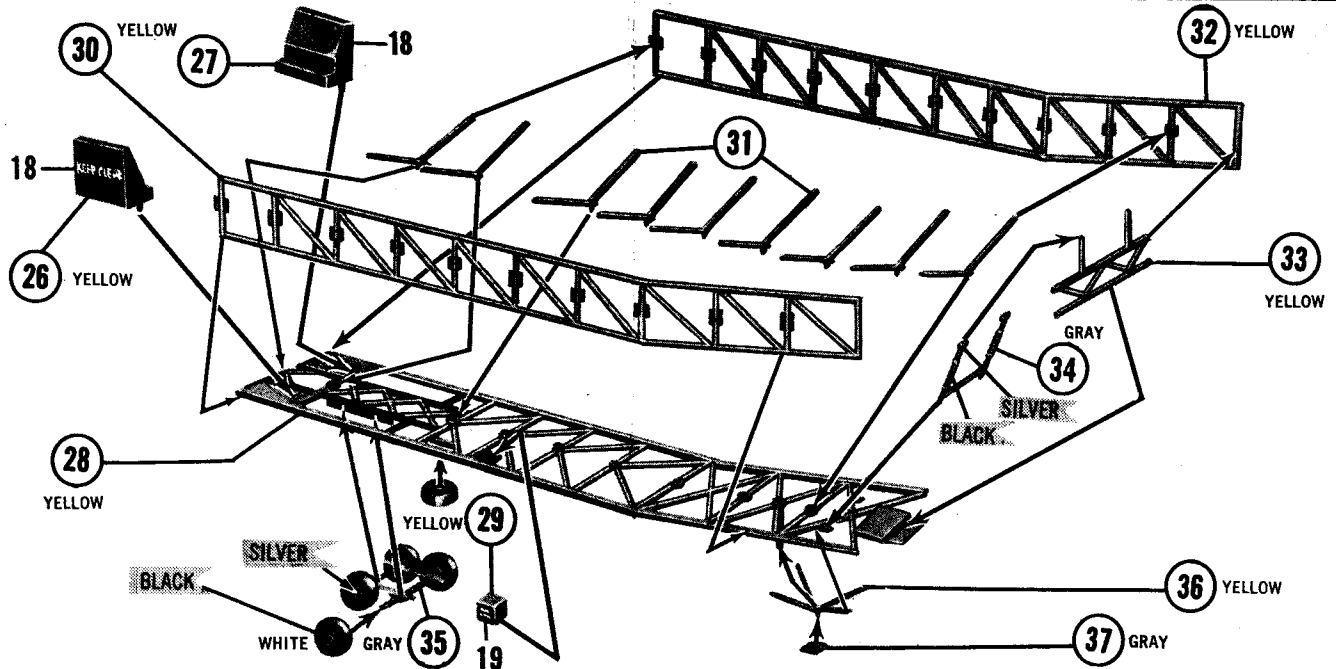
PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Gasoline Trailer Chassis, Part 15, to the Gasoline Trailer, Part 16, as shown. Snap, do not cement, eight wheels to an Axle Assembly, Part 17. Cement the Axle Assembly to the Gasoline Trailer Chassis, as shown. Now cement Forward Wheels and Supports, Part 18, to the Chassis.
- B. Cement the Gasoline Trailer Control Panel, Part 19, to the Gasoline Trailer, as shown. Now cement the Gasoline Trailer Ladder, Part 20, and the Gasoline Trailer Hose, Part 21, to the sides of the Gasoline Trailer, as shown. Set the Gasoline Trailer aside to dry.

5

PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Nitrogen Trailer Front, Part 22, and Nitrogen Trailer Rear, Part 23, to the Nitrogen Trailer Center, Part 24, as shown. Now cement the Nitrogen Tank to the Nitrogen Trailer Chassis, Part 25, as shown.
- B. Snap, do not cement, eight Wheels to the remaining Axle Assembly. Now cement the Axle Assembly and the remaining Front Wheel and Support to the Nitrogen Trailer Chassis, as shown. Set the Nitrogen Trailer aside to dry.

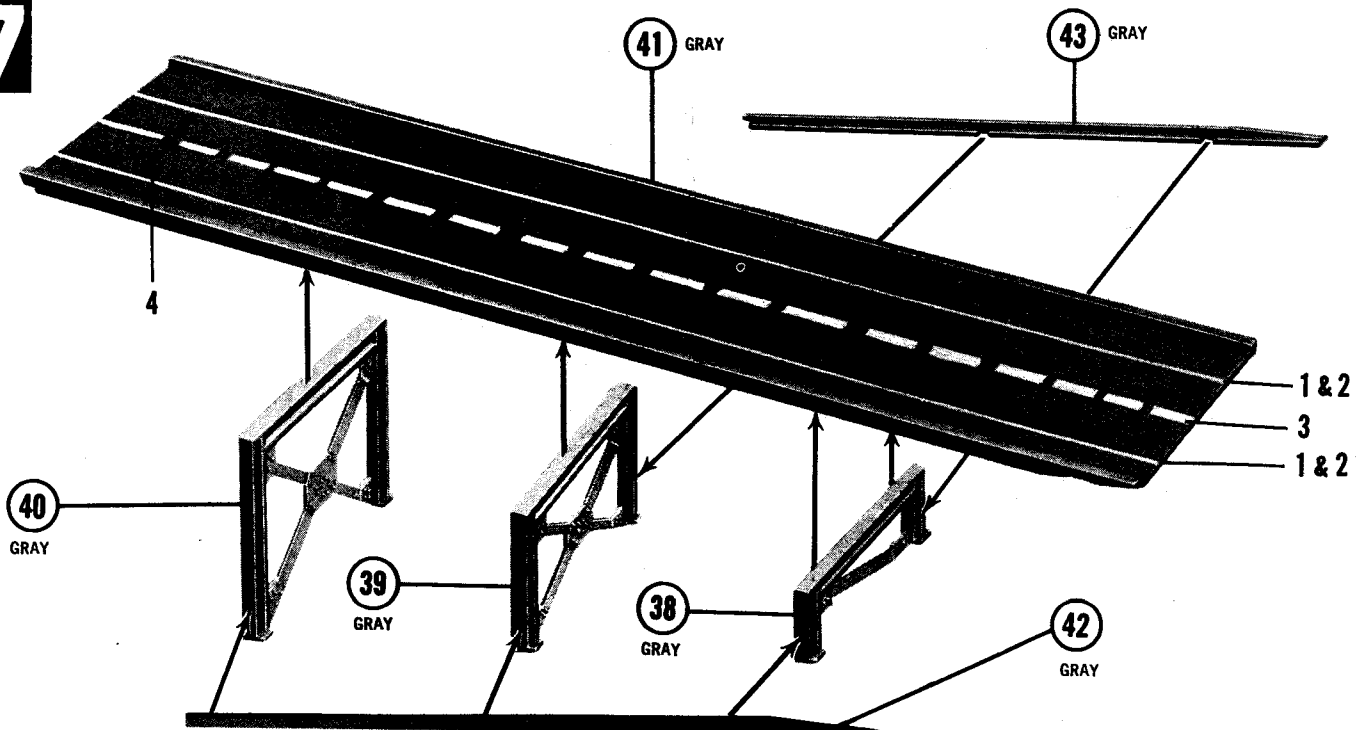
6

PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Right Missile Support, **Part 26**, and the Left Missile Support, **Part 27**, to the Missile Trailer Chassis, **Part 28**. Now cement the Missile Trailer Box, **Part 29**, to the Missile Trailer Chassis, as shown.
- B. Cement the Missile Trailer Right Side, **Part 30**, to the Missile Trailer Chassis, as shown. Cement the Missile Trailer Braces, **Parts 31**, to the Missile Trailer Chassis and Right Side, as shown. Now cement the Missile Trailer Left Side, **Part 32**, to

the Chassis and Braces.

- C. Cement the Missile Trailer Front Section, **Part 33**, to the Missile Trailer Chassis and Sides, as shown. Cement the Missile Trailer Struts, **Part 34**, to the Missile Trailer Chassis and Front Section, as shown. Cement a Wheel to the Chassis Bottom as shown.
- D. Snap, **do not cement**, four Wheels to the Missile Trailer Axle Assembly, **Part 35**. Cement the Axle Assembly to the Chassis, as shown. Now cement the Missile Trailer Support, **Part 36**, to the Chassis. Finally, cement the Missile Trailer Support Pad, **Part 37**, to the Missile Trailer Support. Set the Missile Trailer aside to dry.

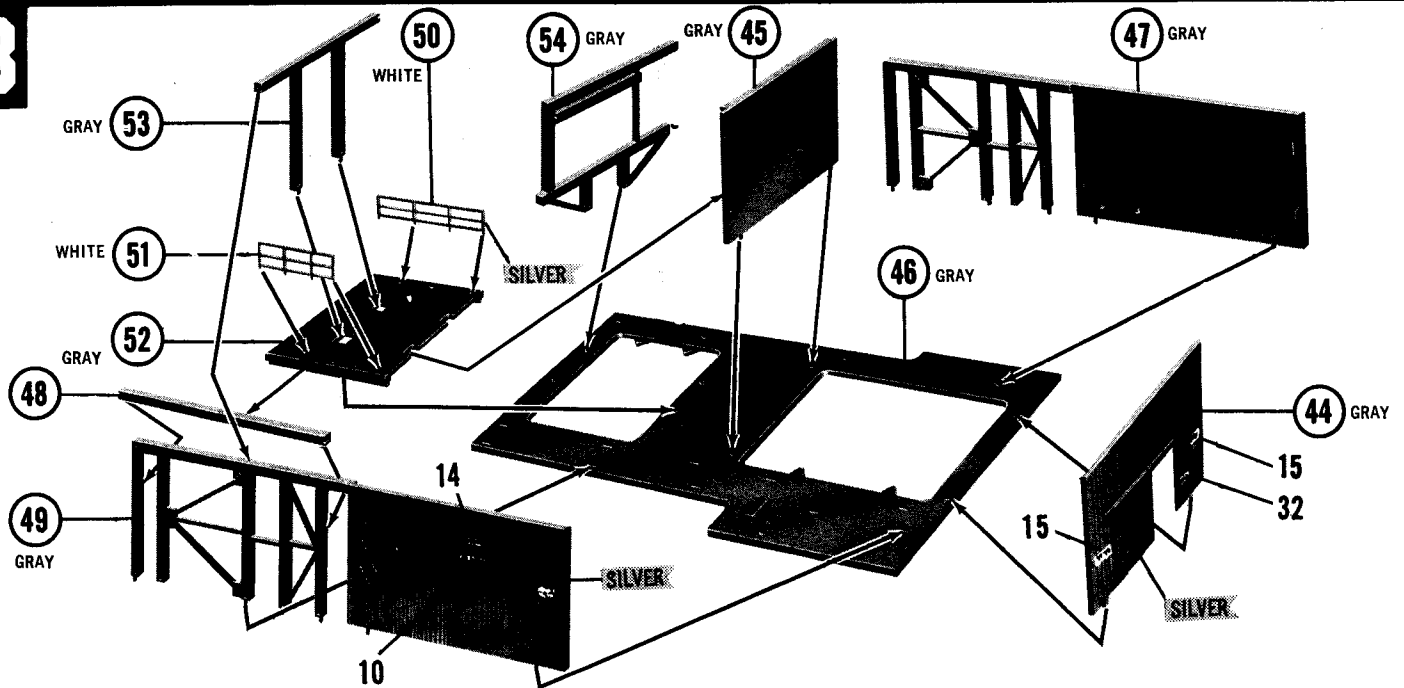
7

PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

Cement the Launching Ramp Front Support, **Part 38**, the Launching Ramp Center Support, **Part 39**, and the Launching Ramp

Rear Support, **Part 40**, to the Launching Ramp, **Part 41**. Finally, cement the Launching Ramp Right Brace, **Part 42**, and Left Brace, **Part 43**, to the Launching Ramp and Supports, as shown.

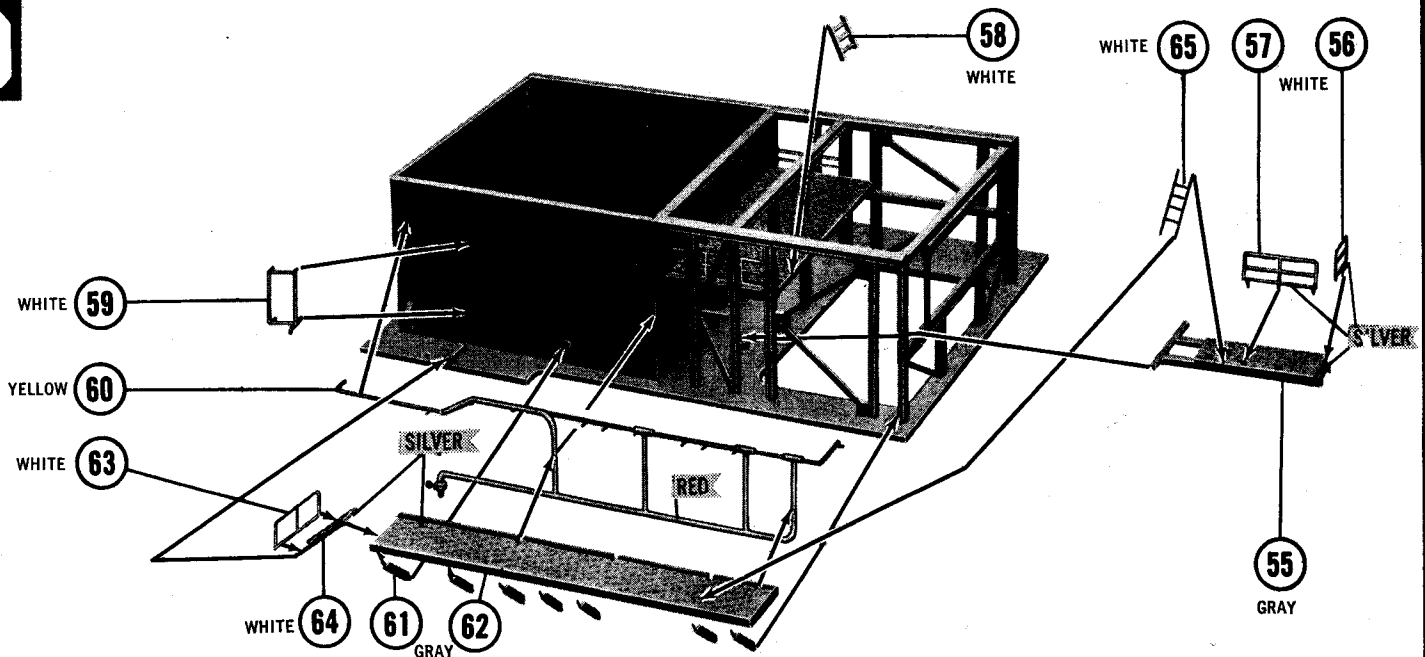
8



PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

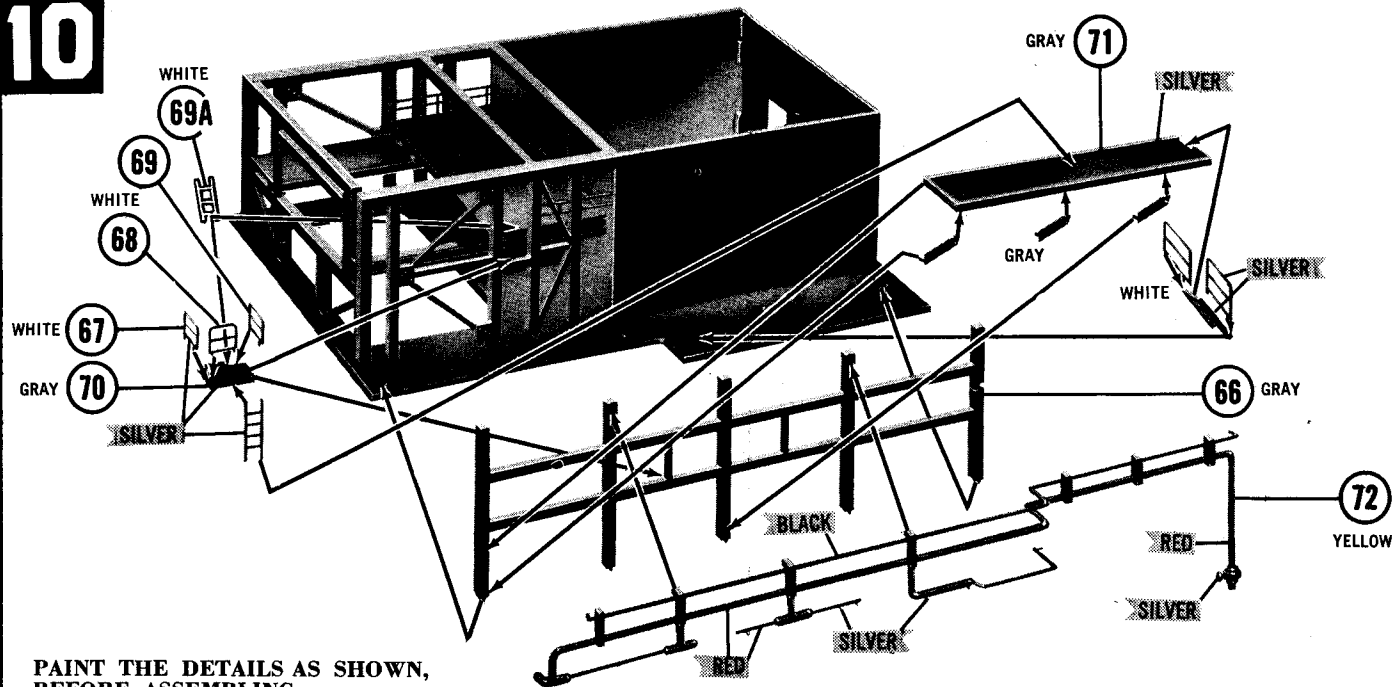
- A. Cement the Launcher Building Front Wall, Part 44, and Rear Wall, Part 45, to the Launcher Building Base, Part 46. Cement the Launcher Building Beams and Left Side, Part 47, to the Base and Walls, as shown.
- B. Cement the Launcher Building Right Inside Cross Beam, Part 48, to the Launcher Building Beams and Right Side, Part 49, as shown. Now cement the Launcher Building Beams and Right Side to the Base, as shown.
- C. Cement the Inside Top Platform Left Rail, Part 50, and the Inside Top Platform Right Rail, Part 51, to the Inside Top Platform, Part 52, as shown. Now cement the Inside Top Platform to the Right Inside Cross Beam, Rear Wall, and Beams and Left Side, as shown.
- D. Slide the Launcher Building Inside Beams, Part 53, through the holes in the Inside Top Platform and cement to the Base and Side Beams, as shown. Finally, cement the Launcher Building Rear Beams, Part 54, to the Base and Side Beams, as shown.

9



PAINT THE DETAILS AS SHOWN, BEFORE ASSEMBLING.

- A. Turn the Launcher Building around and cement the Inside Lower Platform, Part 55, to the Beams, as shown, by turning the Platform sideways and inserting through the Rear Beams. Cement the Lower Inside Platform Rear Rail, Part 56, and the Lower Inside Platform Side Rail, Part 57, to the Lower Inside Platform. Now cement the Short Stair, Part 58, to the Upper and Lower Inside Platforms, as shown.
- B. Cement the Small Vertical Water Pipes, Part 59, to the Launcher Building, as shown. Cement the Left Bottom Large Water Pipe, Part 60, to the side of the Launcher Building and Beams, as shown. Cement seven of the Outside Platform Braces, Parts 61, to the Lower Left Outside Platform, Part 62. Now cement the Platform and Braces to the side of the Launcher Building and Beams, as shown.
- C. Cement a Lower Platform Stair Rail, Parts 63, to a Lower Platform Stair, Part 64, as shown. Cement the Lower Platform Stair to the Lower Platform and the Launcher Building Base, as shown. Finally, cement a Lower Platform Ladder, Part 65, to the Inside and Outside Lower Platforms, as shown.

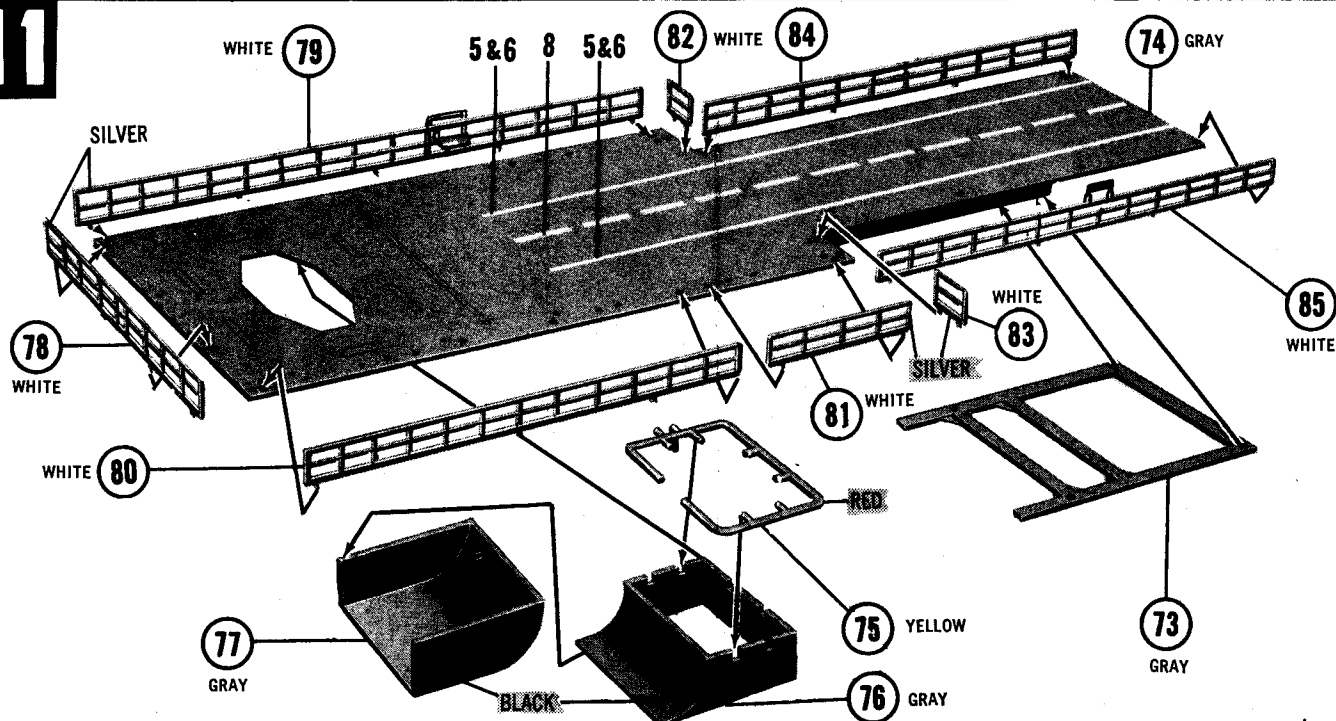


PAINT THE DETAILS AS SHOWN, BEFORE ASSEMBLING.

- A. Turn the Launcher Building around and cement the Right Outer Launcher Building Beams, Part 66, to the Base, as shown. Cement the Rear Small Platform Rail, Part 67, the Outer Small Platform Rail, Part 68, and the Front Small Platform Rail, Part 69, to the Small Platform, Part 70, as shown. Now cement the Small Platform to the Right Side Beams and Right Outer Beams, as shown. Cement the Small Ladder, Part 69 A. into position, as shown.
- B. Cement the remaining three Outside Platform Braces to the Right

Lower Outside Platform, Part 71. Cement the Right Lower Outside Platform to the Right Outer Beams, as shown. Cement the remaining Lower Platform Ladder to the Lower Platform and the Small Platform, as shown.

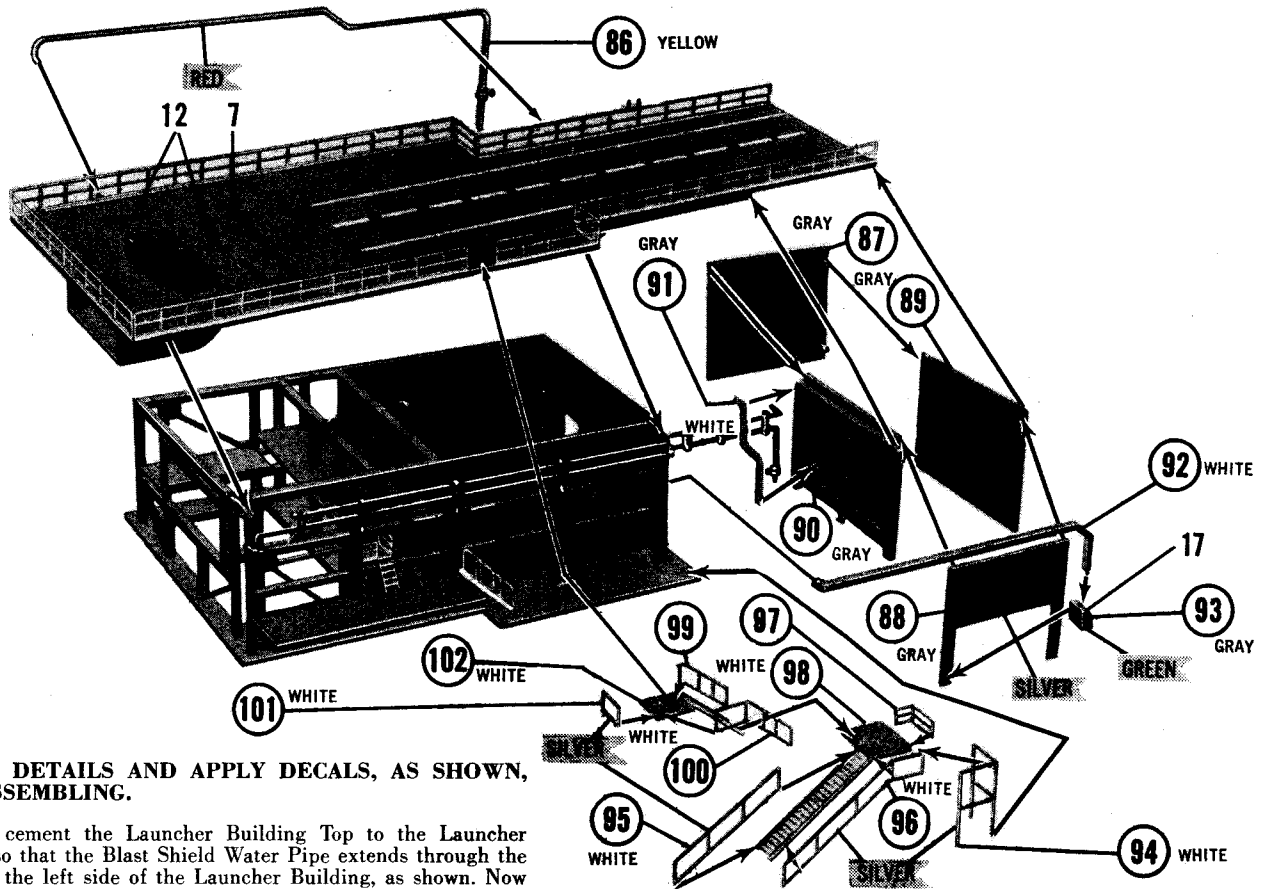
- C. Cement the remaining two Lower Platform Stair Rails to the remaining Lower Platform Stair, as shown. Now cement the Lower Platform Stair to the Right Lower Outside Platform and the Launcher Base, as shown. Finally, cement the Right Hydraulic and Water Pipe, Part 72, to the Right Outer Beams, as shown.



PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Bottom "I" Beams, Part 73, to the Launcher Building Top, Part 74, as shown. Cement the Blast Shield Water Pipe, Part 75, to the Blast Shield Top, Part 76, as shown. Cement the Blast Shield Bottom, Part 77, to the Blast Shield Top. Now cement the Blast Shield Top to the bottom of the Launcher Building Top, as shown.

- B. Cement the Rear Top Rail, Part 78, the Rear Left Top Rail, Part 79, the Rear Right Top Long Rail, Part 80, and the Rear Right Top Short Rail, Part 81, to the Launcher Building Top, as shown. Cement the Small Left Top Rail, Part 82, the Small Right Top Rail, Part 83, the Front Left Top Rail, Part 84, and the Front Right Top Rail, Part 85, to the Launcher Building Top, as shown.

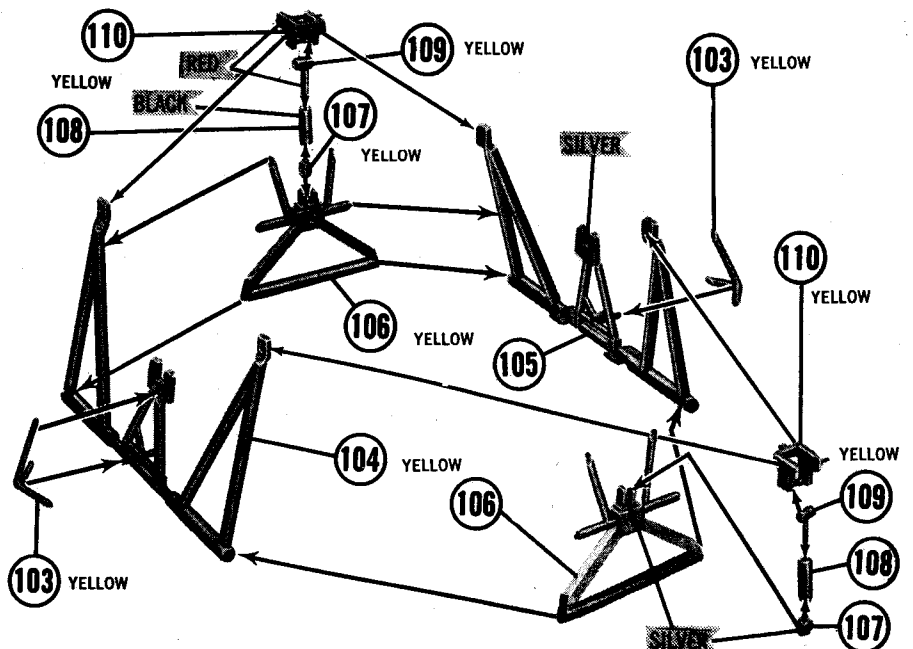


PAINT THE DETAILS AND APPLY DECALS, AS SHOWN, BEFORE ASSEMBLING.

- A. Carefully cement the Launcher Building Top to the Launcher Building so that the Blast Shield Water Pipe extends through the Beams on the left side of the Launcher Building, as shown. Now cement the Left Upper Large Water Pipe, Part 86, to the Blast Shield Water Pipe and Bottom "I" Beams, as shown.
- B. Cement the Garage Left Wall, Part 87, and the Garage Right Wall With Door, Part 88, to the Garage Front Wall, Part 89. Cement the Garage Rear Wall, Part 90, to the Left and Right Walls, as shown. Cement the Switch Box Pipe, Part 91, to the Launcher Building Top, as shown. Cement the Square Electrical Pipe, Part 92, to the Junction Box, Part 93. Now cement the Square Electrical Pipe to the Launcher Building and the Junction Box to the Garage.
- C. Cement the Large Stair Landing Support, Part 94, to the Launcher Building Base, as shown. Cement the Large Stair Inside Rail, Part 95, the Large Stair Outer Rail, Part 96, and the Large Stair Landing Rail, Part 97, to the Large Stair With Landing, Part 98, as shown. Now cement the Large Stair to the Large Stair Landing Support and the Launcher Building Base, as shown.
- D. Cement the Small Stair Inside Rail, Part 99, the Small Stair Outer Rail, Part 100, and the Small Large Stair Landing Rail, Part 101, to the Small Stair With Landing, Part 102. Now cement the Small Stair to the Launcher Building Top and Large Stair Landing, as shown.

PAINT THE DETAILS, AS SHOWN, BEFORE ASSEMBLING.

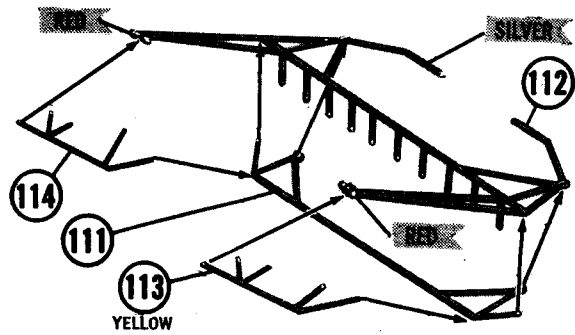
- A. Cement the two Missile Elevator Braces, Parts 103, to the Missile Elevator Front, Part 104, and the Missile Elevator Rear, Part 105, as shown. Now cement the Missile Elevator Sides, Parts 106, to the Missile Elevator Front and Rear, as shown. Allow to dry completely.
- B. Cement the Missile Elevator Cylinder Caps, Parts 107, to the Missile Elevator Cylinders, Parts 108, and allow to dry completely. Snap, **do not cement**, the Missile Elevator Pistons, Parts 109, to the Missile Elevator Locks, Parts 110, as shown.
- C. Carefully snap, **do not cement**, the Missile Elevator Cylinder Caps to the Missile Elevator Sides, as shown. Place, **do not cement**, the Missile Elevator Pistons in the Cylinders. Now carefully snap, **do not cement**, the Missile Elevator Locks into place between the Missile Elevator Front and Rear, as shown. Set the Missile Elevator aside to dry.



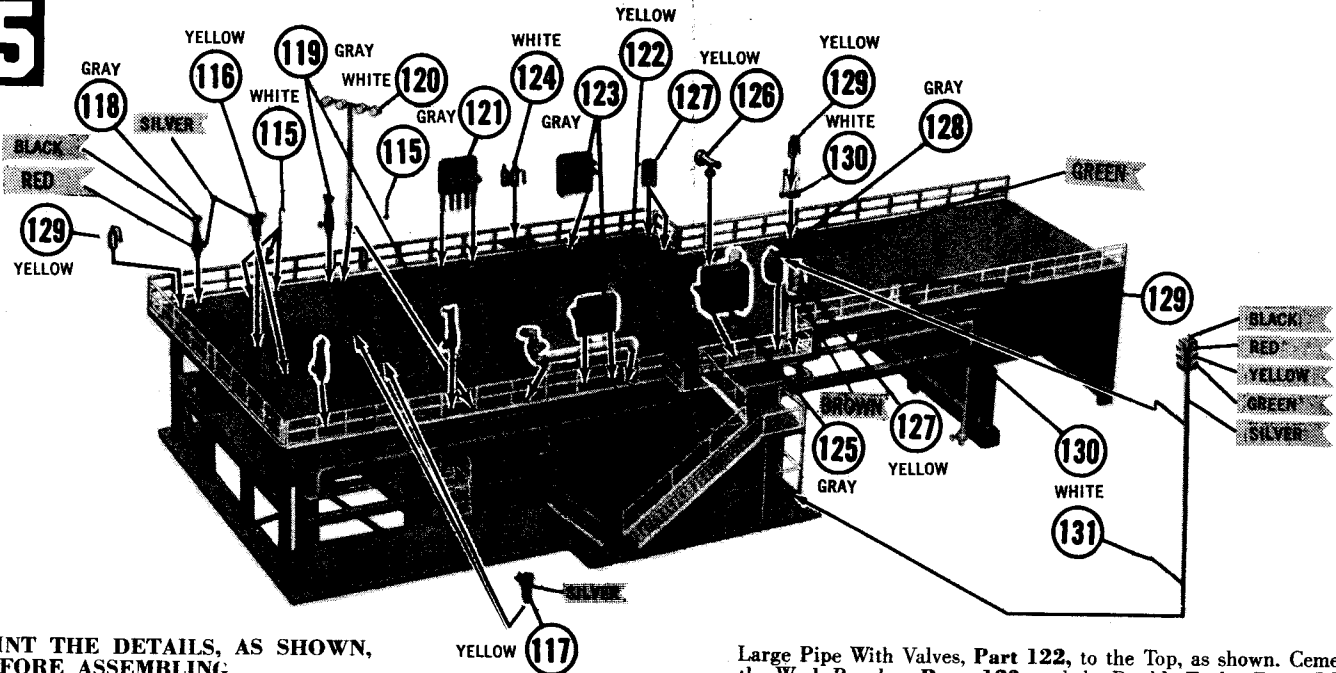
14

PAINT THE DETAILS, AS SHOWN, BEFORE ASSEMBLING.

A. Cement the Trailer Elevator Bottom Frame, Part 111, and Trailer Elevator Top Frame, Part 112, together, as shown. Now cement the Trailer Elevator Frame Right Side, Part 113, and the Trailer Elevator Left Side, Part 114, to the Top and Bottom Frames, as shown.



15



PAINT THE DETAILS, AS SHOWN, BEFORE ASSEMBLING.

- A. Cement the Stand Pipes, Parts 115, to the Launcher Building Top, as shown. Now cement the Rear Missile Supports, Parts 116, and the Front Missile Supports, Parts 117, into place, as shown.
- B. Cement the Rear Fire Hose Nozzles, Parts 118, and the Front Fire Hose Nozzles, Parts 119, to the Launcher Building Top, as shown. Now cement the Floodlights, Part 120, into place, as shown.
- C. Cement the Stationary Instrument Panel, Part 121, and the Top

- D. Cement the Loudspeaker Stand, Part 125, to the Top, as shown. Cement the Loudspeakers, Parts 126, to the Loudspeaker Stand. Cement the Oil Drums, Parts 127, and the Control Box, Part 128, to the Top, as shown. Cement two Fire Extinguishers, Parts 129, to the Fire Extinguisher Stands, Parts 130. Now cement the Stands to the Launcher Building Top, as shown. Cement the remaining Fire Extinguisher into place, as shown. Cement the Signal Light, Part 131, to the Base and Control Box, as shown.

CUT HERE

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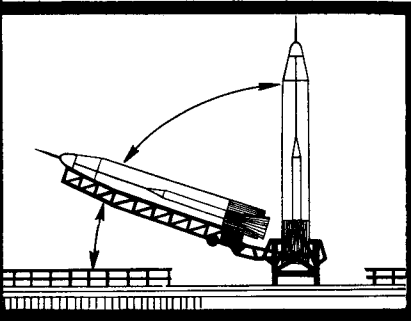
1. Engine Plate	52. Inside Top Platform	100. Small Stair Center Rail
2. Fuselage Left Half	53. Launcher Building Inside Beams	101. Small Stair Landing Rail
3. Fuselage Right Half	54. Launcher Building Rear Beams	102. Small Stair With Landing
4. Nose Cone	55. Inside Lower Platform	103. Missile Elevator Braces (2)
5. Pitot Tube	56. Lower Inside Platform Rear Rail	104. Missile Elevator Front
6. Center Engine Exhaust	57. Lower Inside Platform Side Rail	105. Missile Elevator Rear
7. Outboard Engine Exhausts (2)	58. Short Stair	106. Missile Elevator Sides (2)
8. Fuel Pipe	59. Small Vertical Water Pipes	107. Missile Elevator Cylinder Caps (2)
9. Test Stand Right Half	60. Left Bottom Large Water Pipe	108. Missile Elevator Cylinders (2)
10. Test Stand Left Half	61. Outside Platform Braces (10)	109. Missile Elevator Pistons (2)
11. Wheels (31)	62. Lower Left Outside Platform	110. Missile Elevator Bottom Frame
12. Truck Chassis	63. Lower Platform Stair Rails (3)	111. Trailer Elevator Bottom Frame
13. Truck Body	64. Lower Platform Braces (10)	112. Trailer Elevator Top Frame
14. Truck Grille	65. Lower Platform Ladders (2)	113. Trailer Elevator Frame Right Side
15. Gasoline Trailer Chassis	66. Right Outer Launcher Building Beams	114. Trailer Elevator Frame Left Side
16. Gasoline Trailer	67. Rear Small Platform Rail	115. Stand Pipe (4)
17. Axle Assembly (2)	68. Front Small Platform Rail	116. Rear Missile Supports (2)
18. Forward Wheels and Supports (2)	69. Front Small Platform Rail	117. Front Missile Supports (2)
19. Gasoline Trailer Control Panel	69A. Small Ladder	118. Rear Fire Hose Nozzles (2)
20. Gasoline Trailer Ladder	70. Small Platform	119. Front Fire Hose Nozzles (2)
21. Gasoline Trailer Hose	71. Right Lower Outside Platform	120. Floodlights (2)
22. Nitrogen Trailer Front	72. Right Hydraulic and Water Pipe	121. Stationary Instrument Panel
23. Nitrogen Trailer Center	73. Launcher Building Top	122. Top Large Pipe With Valves
24. Nitrogen Trailer Chassis	74. Launcher Building Top	123. Work Benches (2)
25. Right Missile Support	75. Blast Shield Water Pipe	124. Double Tanks
26. Left Missile Support	76. Blast Shield Top	125. Loudspeaker Stand
27. Missile Trailer Chassis	77. Blast Shield Bottom	126. Loudspeakers (2)
28. Missile Trailer Front	78. Rear Top Rail	127. Oil Drums
29. Missile Trailer Right Side	79. Rear Left Top Rail	128. Control Box
30. Missile Trailer Right Side	80. Rear Right Top Long Rail	129. Fire Extinguishers (3)
31. Missile Trailer Braces (9)	81. Rear Right Top Short Rail	130. Fire Extinguisher Stands (2)
32. Missile Trailer Left Side	82. Small Left Top Rail	131. Signal Light
33. Missile Trailer Front Section	83. Small Right Top Rail	132. Forward Nozzle Pipe
34. Missile Trailer Struts	84. Front Left Top Rail	133. Large Double Pipe
35. Missile Trailer Axle Assembly	85. Front Right Top Rail	134. Rear Nozzle Pipe
36. Missile Trailer Support	86. Left Upper Large Water Pipe	135. Base to Top Pipe
37. Missile Trailer Support Pad	87. Garage Left Wall	136. Camera Support Half and Platform
38. Launching Ramp Front Support	88. Garage Right Wall Door	137. Small Double Pipe and Camera Support Half
39. Launching Ramp Rear Support	89. Garage Front Wall	138. Movie Camera
40. Launching Ramp	90. Garage Rear Wall	139. Small Double Pipe
41. Launching Ramp	91. Switch Box Pipe	140. First Figure
42. Launching Ramp Right Brace	92. Square Electrical Pipe	141. Shadow Boxes (6)
43. Launching Ramp Left Brace	93. Junction Box	142. Second Figure
44. Launcher Building Front Wall	94. Large Stair Landing Support	143. Third Figure
45. Launcher Building Rear Wall	95. Large Stair Inside Rail	144. Fourth Figure
46. Launcher Building Base	96. Large Stair Outer Rail	145. Fifth Figure
47. Launcher Building Beams and Left Side	97. Large Stair Landing Rail	146. Sixth Figure
48. Launcher Building Right Inside Cross Beam	98. Large Stair With Landing	147. Decals
49. Launcher Building Beams and Right Side	99. Small Stair Inside Rail	
50. Inside Top Platform Left Rail		
51. Inside Top Platform Right Rail		

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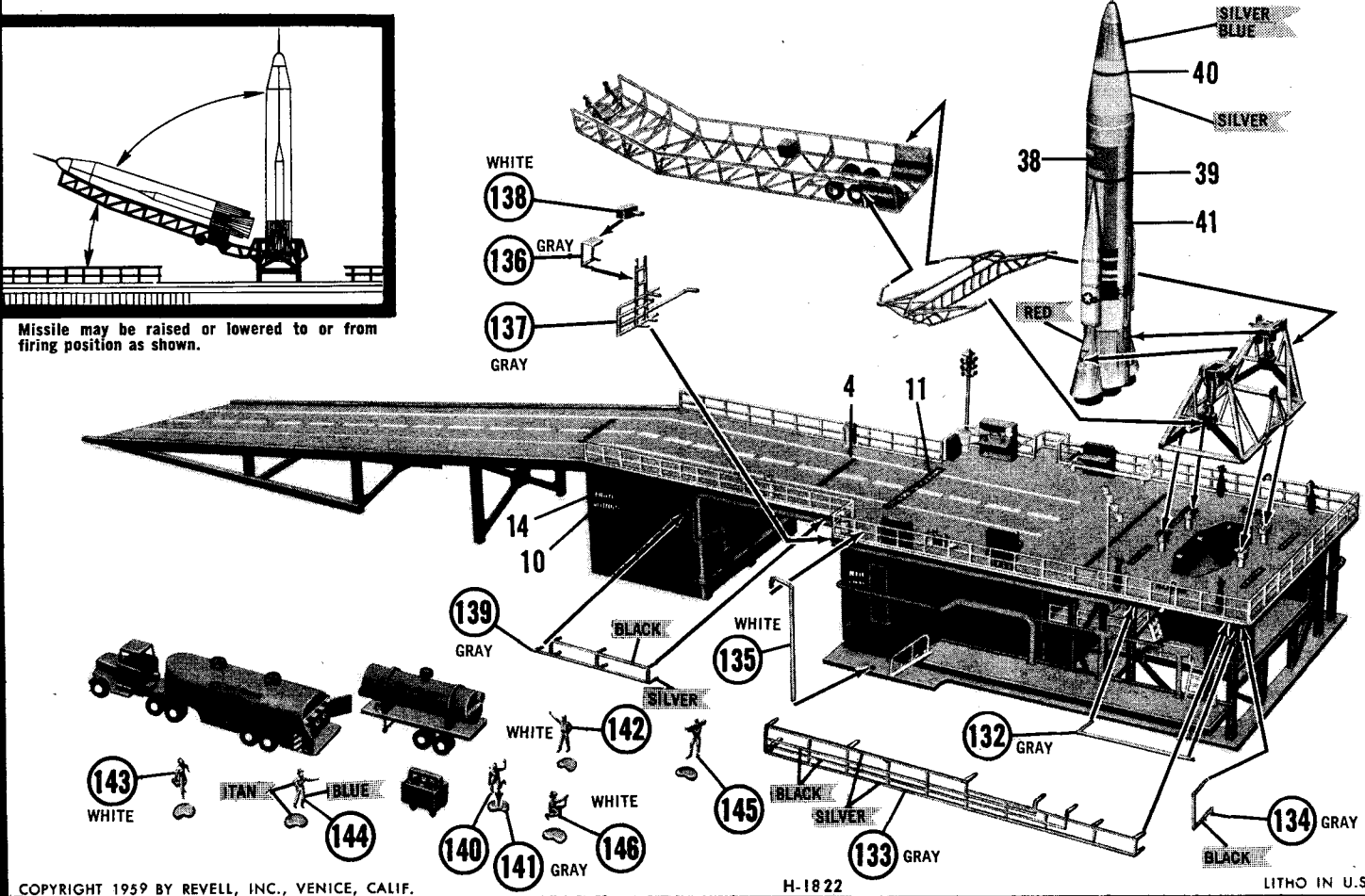
16

PAINT THE DETAILS AND APPLY DECALS AS SHOWN.

- A. Cement the Forward Nozzle Pipe, Part 132, and the Large Double Pipe, Part 133, to the side of the Launcher Building, as shown. Cement the Rear Nozzle Pipe, Part 134, into position, as shown.
- B. Turn the Base to Top Pipe, Part 135, sideways and insert under the Lower Left Rear Top Rail and cement to the Top and Base, as shown.
- C. Cement the Camera Support Half and Platform, Part 136, and the Small Double Pipe and Camera Support Half, Part 137, together. Cement the Movie Camera, Part 138, to the Camera Platform, as shown. Cement the Small Double Pipe and Camera



Missile may be raised or lowered to or from firing position as shown.



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