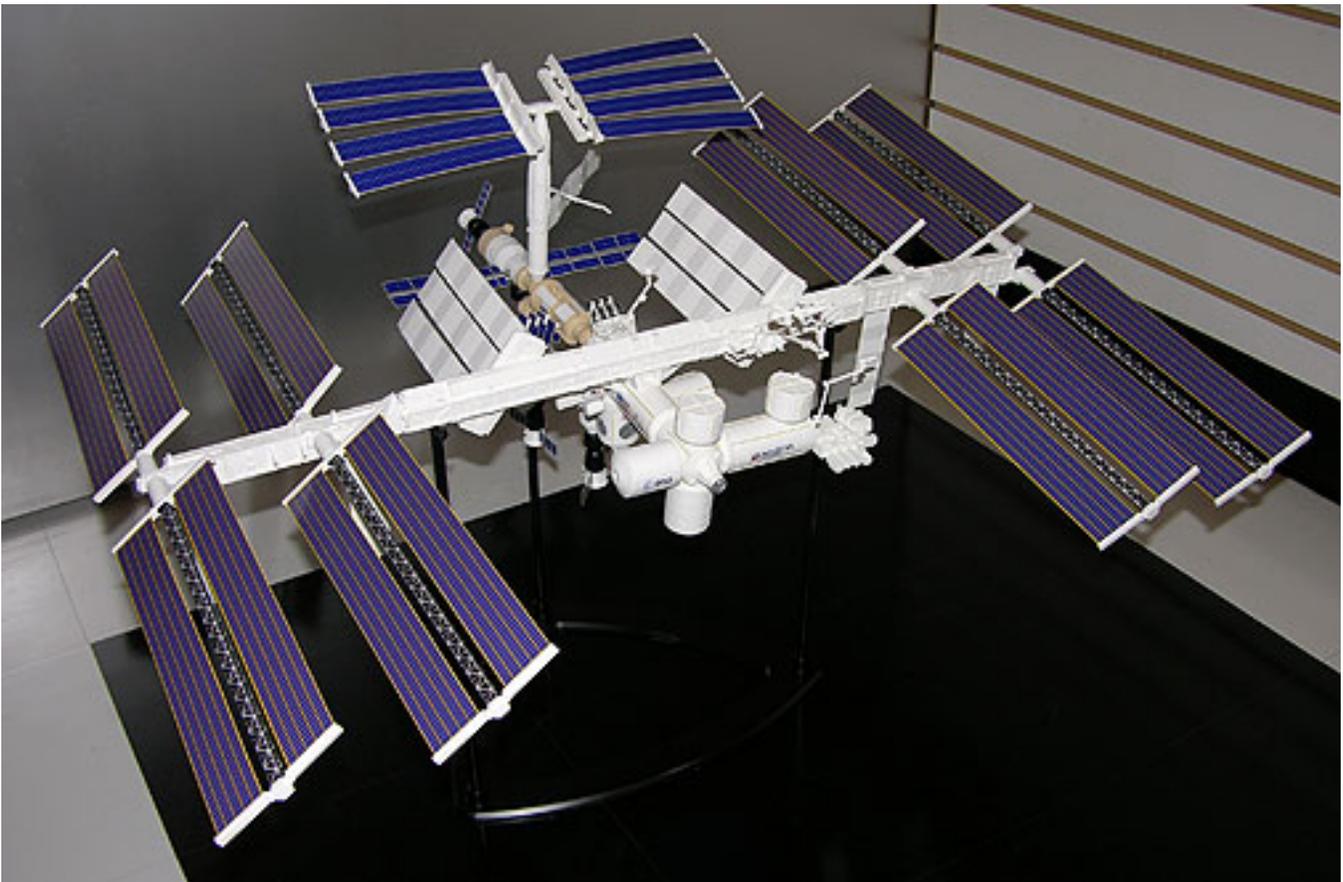




# International Space Station "ISS" 1/144 Scale Model



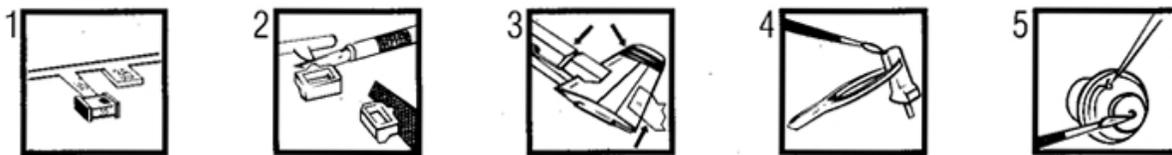
## International Space Station Model

The international space station will be the largest object outside the earth made by human hand. The cost, function, and operation of this space station represents the greatest scientific and technical project ever achieved by global cooperation. Highly qualified engineers and scientists from 15 nations are involved in the construction and are creating a powerful research center in the near-earth orbit for the peaceful use of space. The new space station will give totally new impetus to life science and material science, technology, earth resources technology and astronomy. In all, the lab will orbit the earth at speed of approx. 28,000 km/h and an altitude between 350 and 450 km. One earth orbit lasts about 90 minutes. The station will be powered by gigantic solar sails that extend over a total area of 4,500m<sup>2</sup> giving it a capacity of 110 kW. Individual components such as external solar collectors, external experimental platforms, research and accommodation modules are anchored to a huge lattice mast structure. It has a total weight of approximately 500 tons. The international partners involved in the construction and use of this space station are the USA, Russia, Japan, Canada, and Europe. The European Space Agency (ESA) Is an important partner in this project and is responsible for the "Columbus" (COF) space lab and the Automatic Transport Vehicle (ATV). The main NASA contractor is Boeing who is responsible for the tabular space frame design, solar panels and various modules. In the future, the space station will provide a permanent orbital workplace for men and women from many countries and should be completed in 2010 according to current schedules. Already in 1998, the first module had been sent into orbit and the station will be built up piece by piece in the coming years. The international space station is a platform for futuristic know-how and also for the necessary explorations of the earth and all its secrets.

**ATTENTION:** Read the instructions thoroughly prior to assembly.

1. Each component is numbered
2. Adhere to specified sequence of assembly. Tools required: knife and file for removal of components from frame
3. Rubber band, adhesive tape and clothes pegs for clamping components together after applying adhesive
4. Clean plastic components with a mild detergent solution and allow to air-dry so that paint and transfers adhere better.
5. Prior to applying adhesives, check to see whether the components fit together; apply adhesive sparingly. Remove chrome and paint from the contact surfaces. Paint small components before removing them from the frame.

Allow paint to *dry* well, and only then continue to assemble. Cut out each transfer individually and immerse in warm water for approx. 20 seconds. Slide transfer off paper and into designated position, then press on with blotting paper.



**WARNING!**

- Paint and cement for children over eight years of age only.
- For use under adult supervision.

**CAUTION!**

- Read the instructions before use and keep them for reference.

**SAFETY RULES**

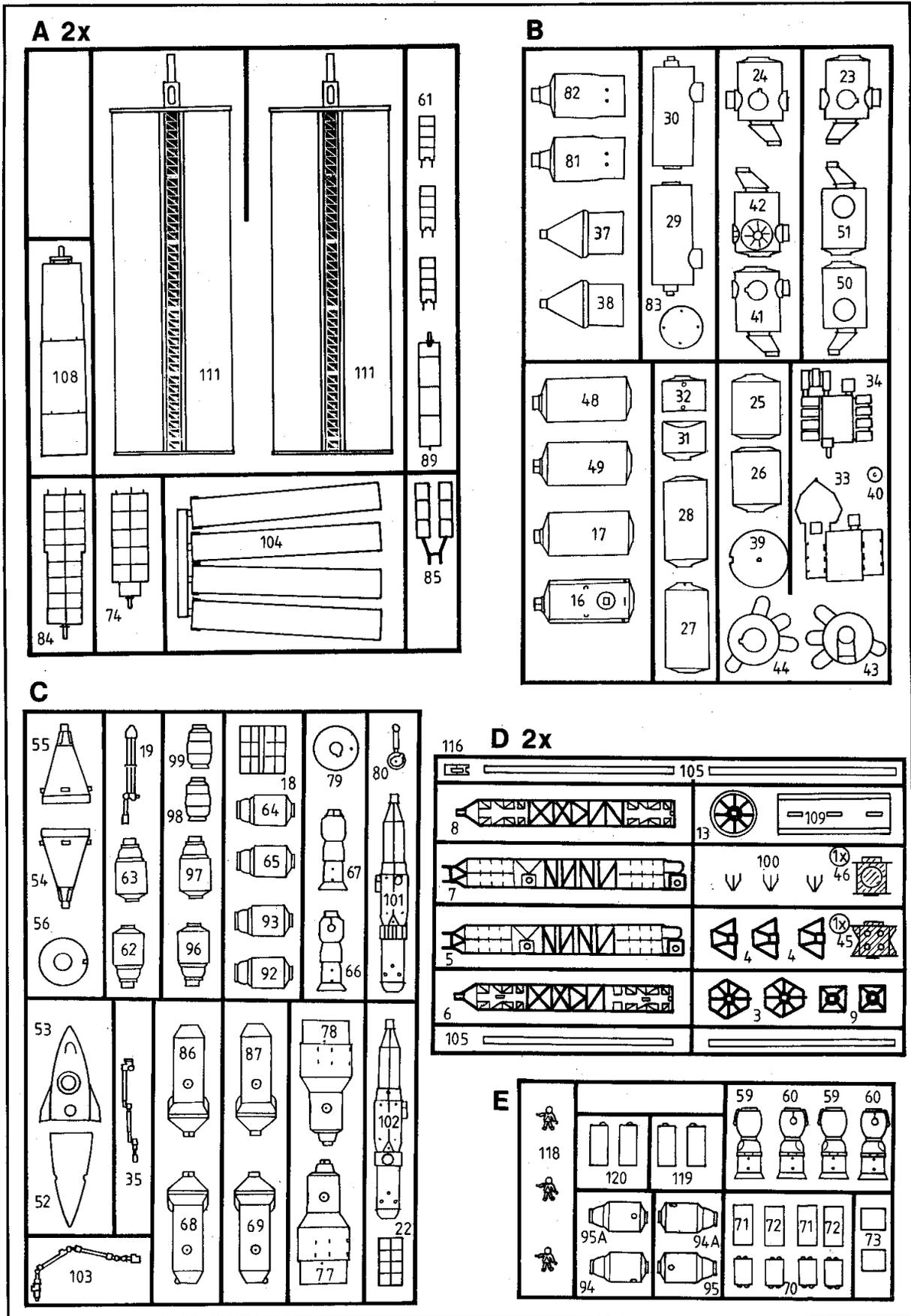
- Keep children under 3 years of age and animals away from the activity area.
- Store chemicals out of reach of young children.
- Wash hands after model building activities.
- Clean all equipment directly after use.
- Do not use any equipment which has not been supplied with the set or recommended in the instructions for use.
- Do not eat or drink while working with solvent-based products
- Paint, glue, and solvents are flammable. Keep away from fire sources.
- Do not allow cement to come into contact with the skin, eyes or mouth.
- Do not inhale fumes.

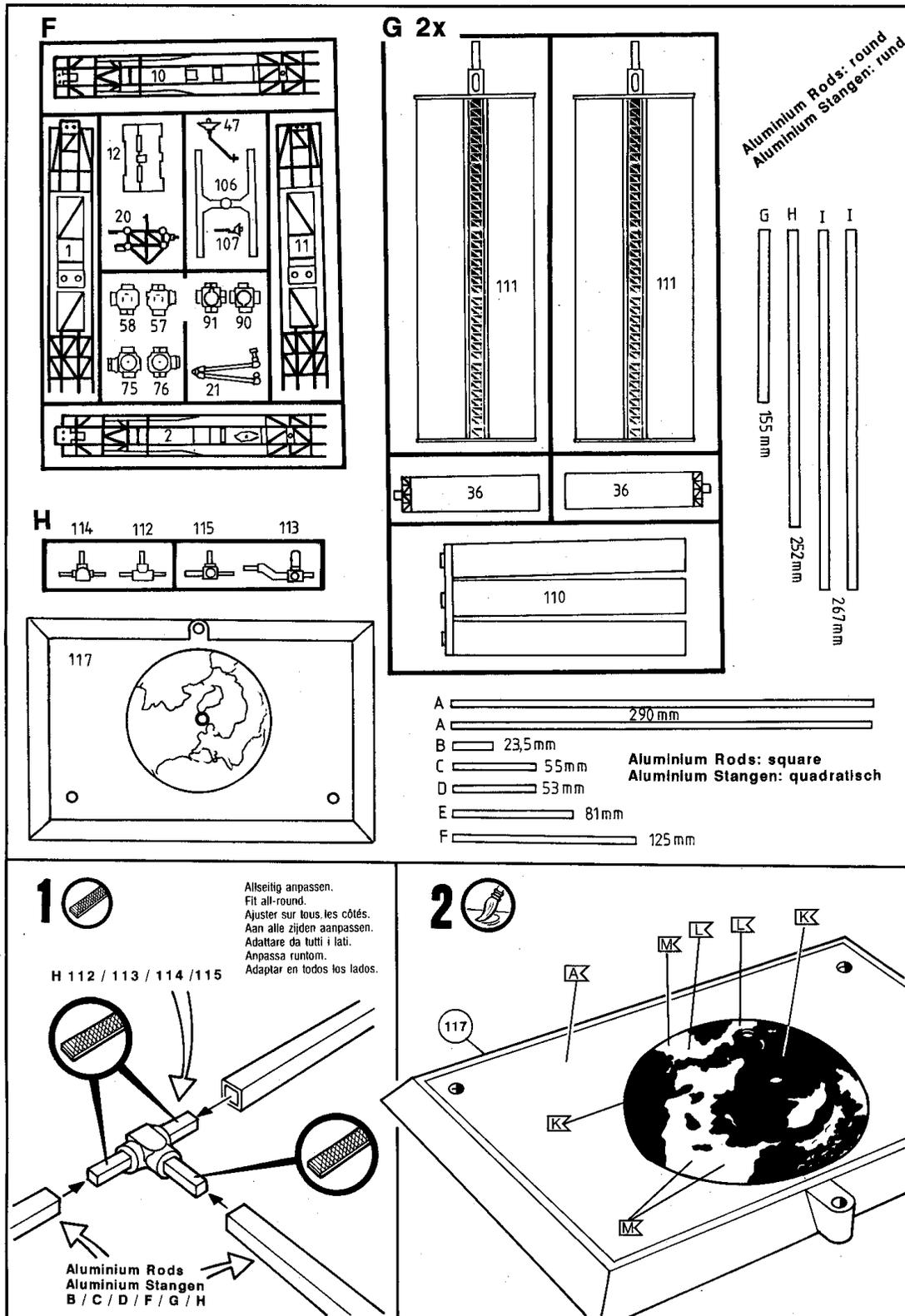


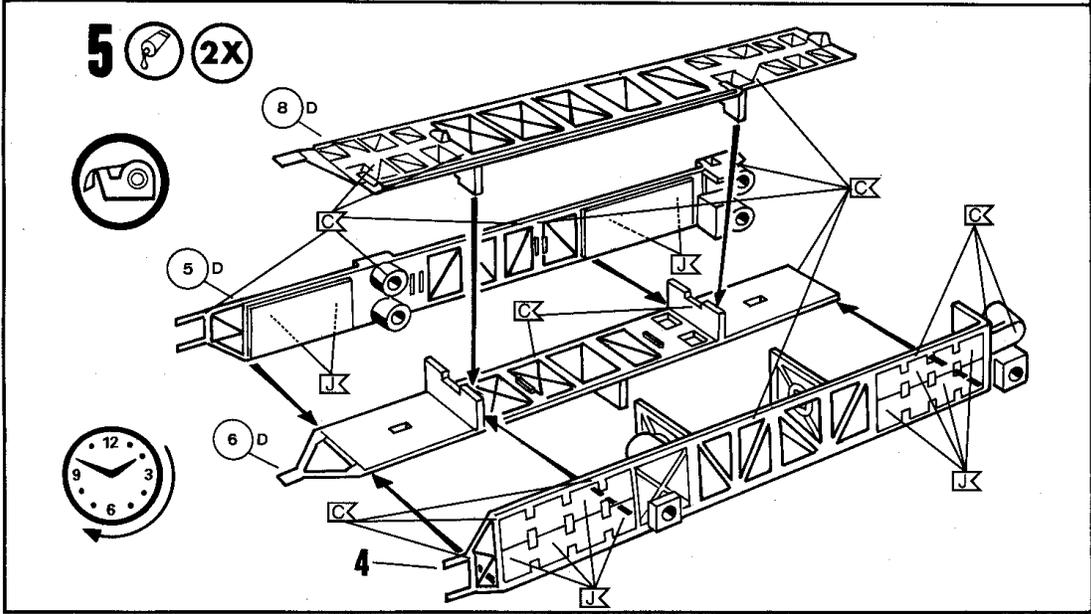
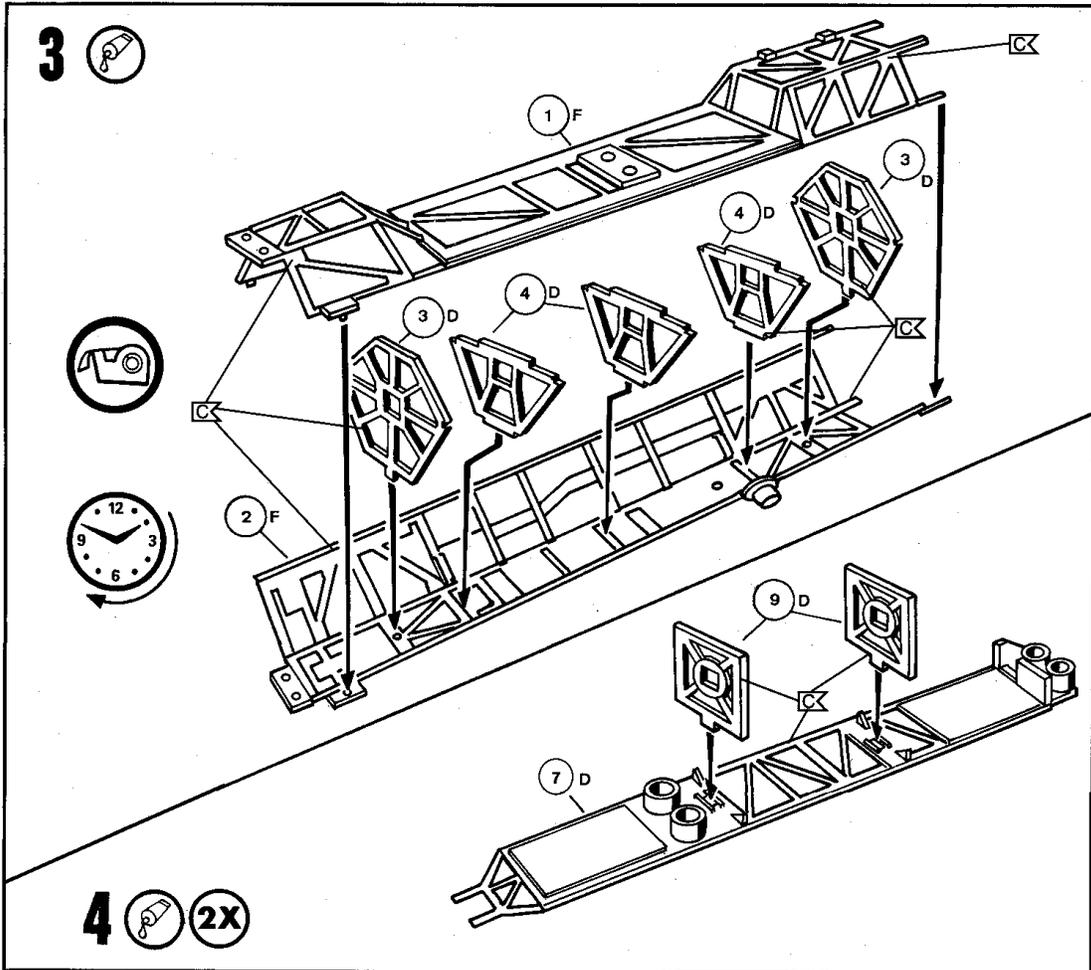
<b>Symbols Used</b>					
Please note the following symbols, which are used in the following construction stages.					
					
Soak And Apply Decals	Glue	Don't Glue	Optional	Number Of Working Steps	File Off
					
Repeat Same Procedure On Opposite Side	Illustration Of Assembled Parts	Apply Evenly With A Brush	Adhesive Tape	Spray Paint Or Airbrush	

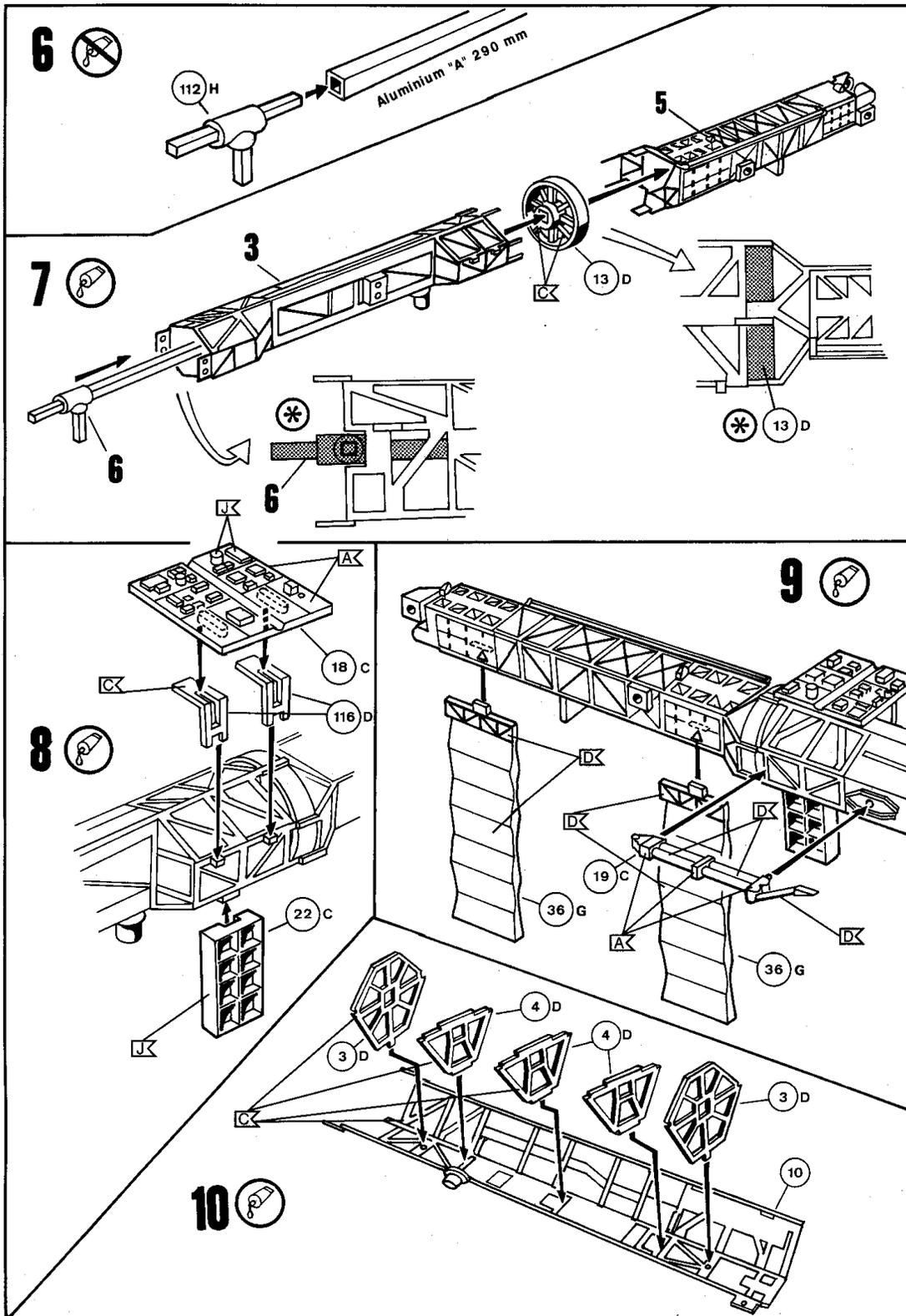
<b>Colors Used</b>							
Number Refer To Revell Numbered Paints							
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
<b>302</b> Black Silky-Matt	<b>90</b> Silver, Metallic	<b>374</b> Gray, Silky-Matt	<b>99</b> Aluminum, Metallic	<b>94</b> Gold, Metallic	<b>91</b> Steel Metallic	<b>310</b> 'Lufthansa' Yellow, Silky-Matt	<b>301</b> White, Silky-Matt
<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>			
60% <b>98</b> Blue, Metallic	40% <b>54</b> Night Blue- Gloss	60% <b>99</b> Aluminum, Metallic	40% <b>92</b> Brass, Metallic	80% <b>55</b> Light Green- Matt	20% <b>54</b> Night Blue- Gloss	<b>86</b> Olive Brown- Matt	<b>67</b> Greenish Gray- Matt

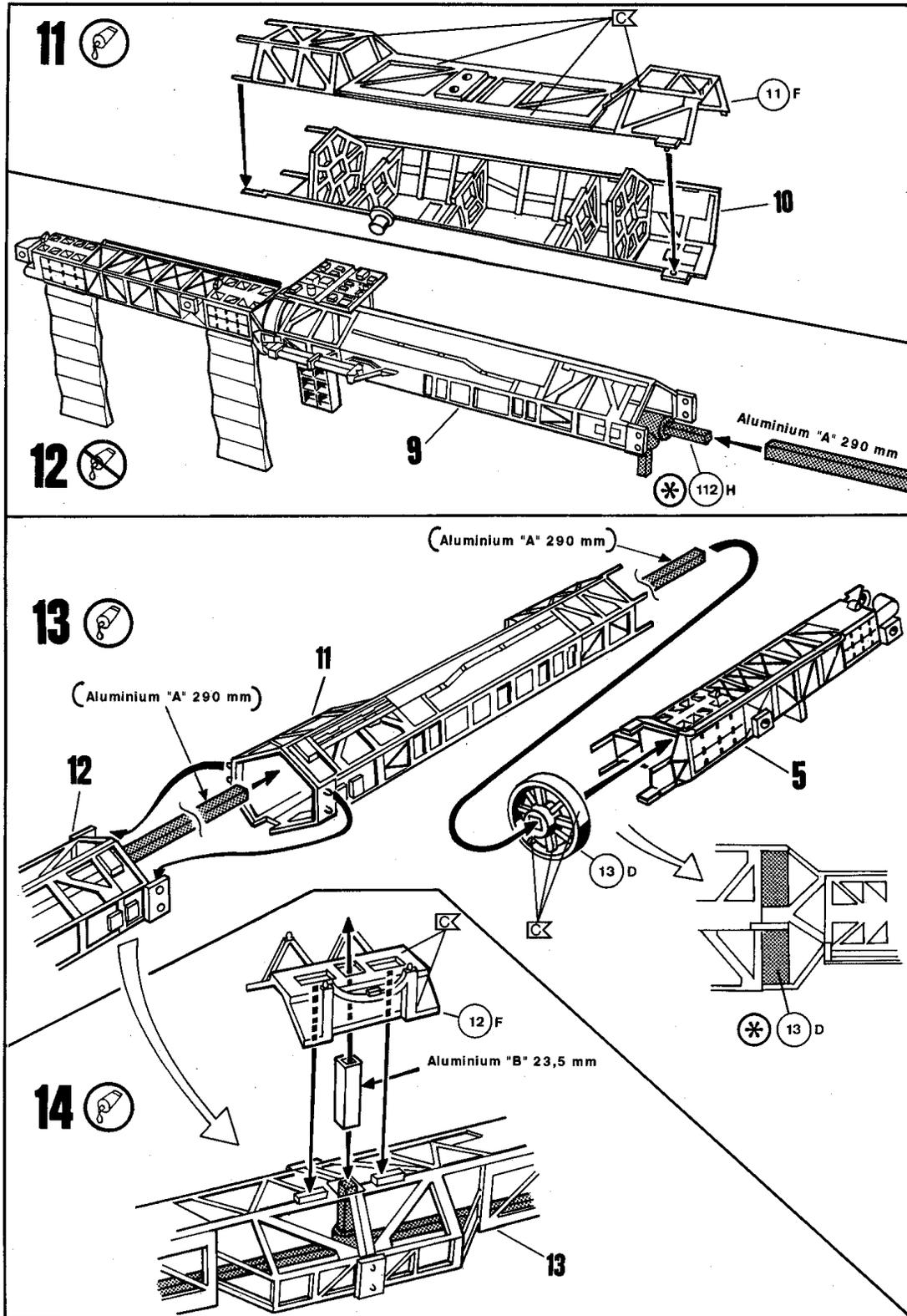


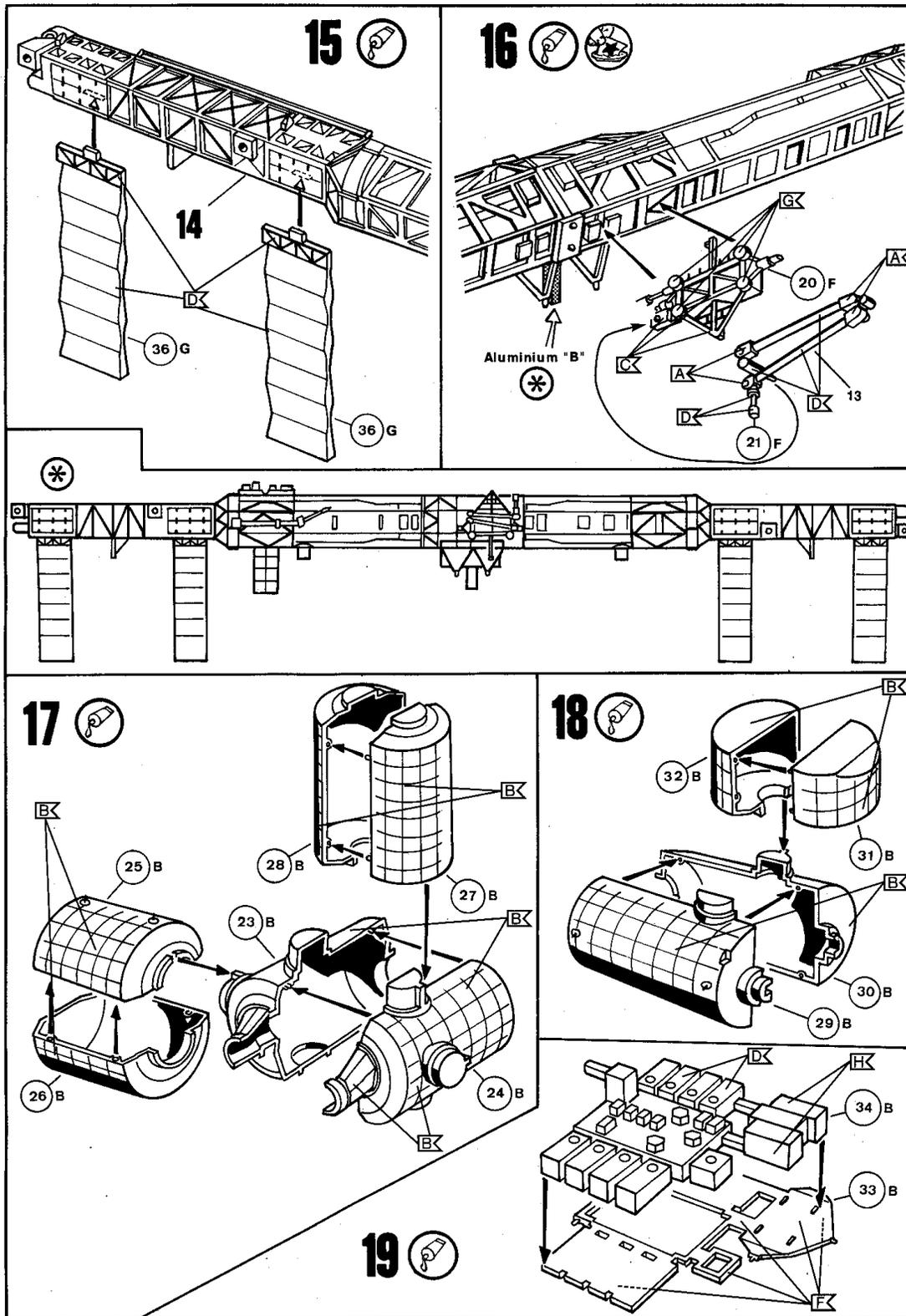


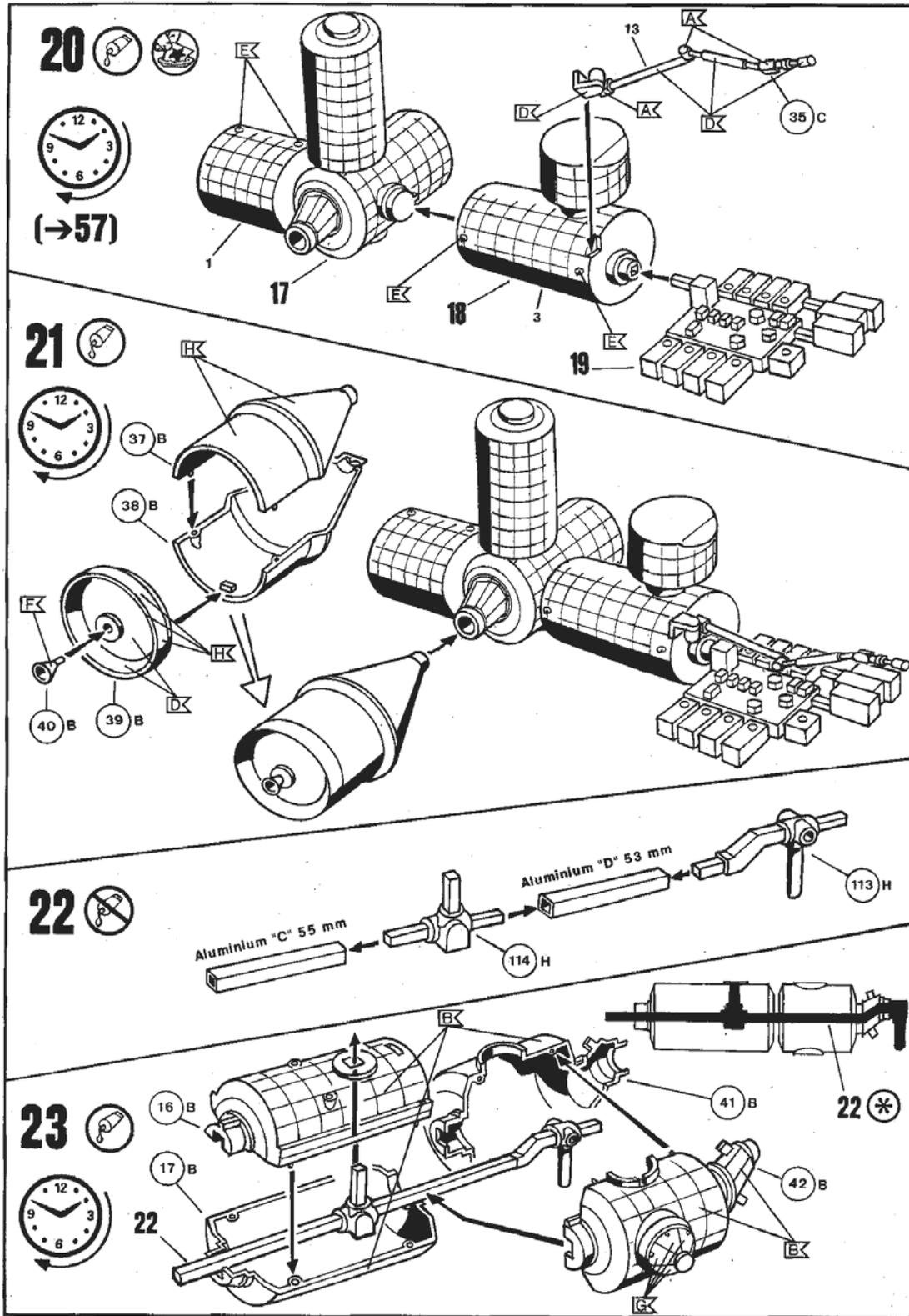




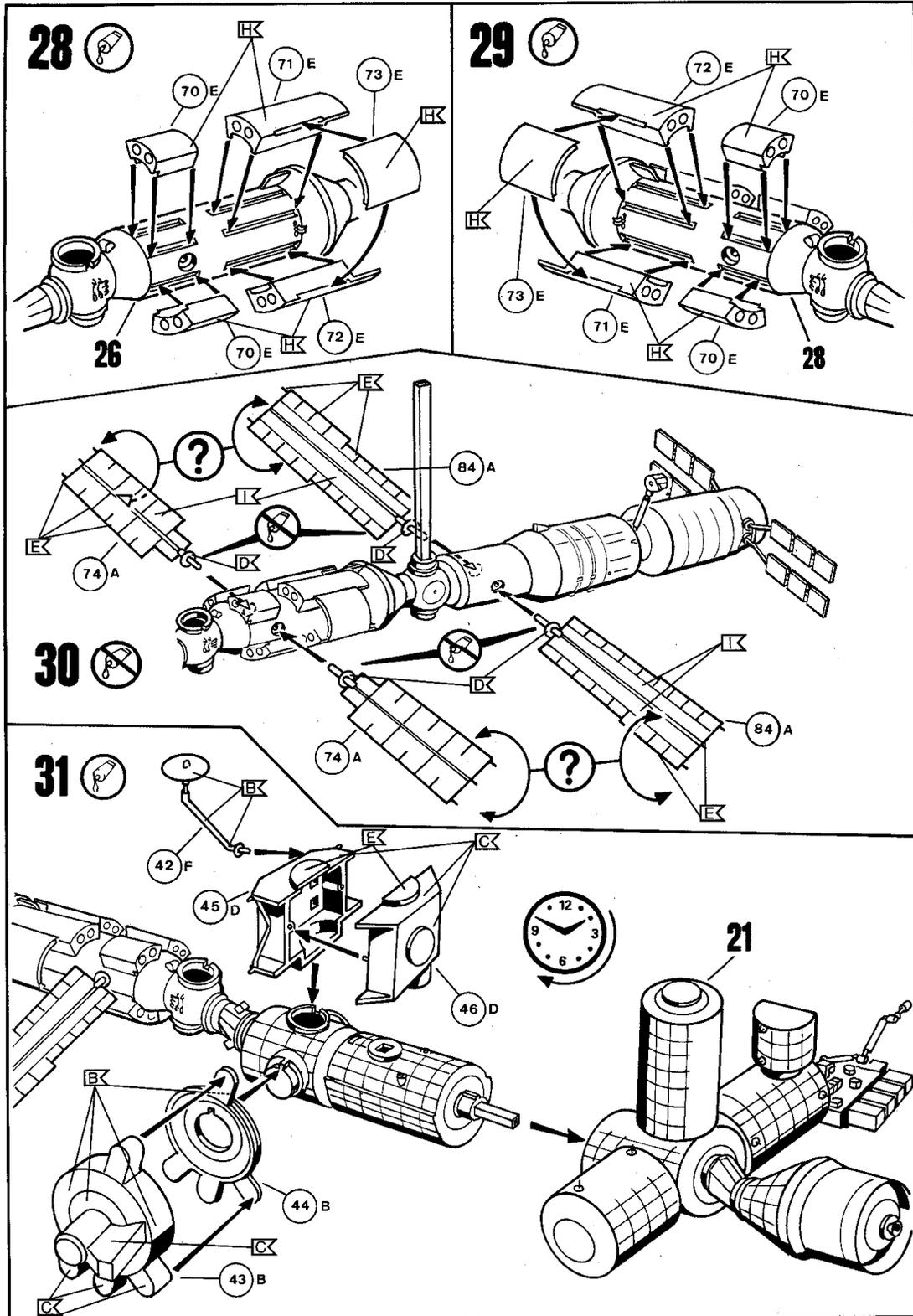


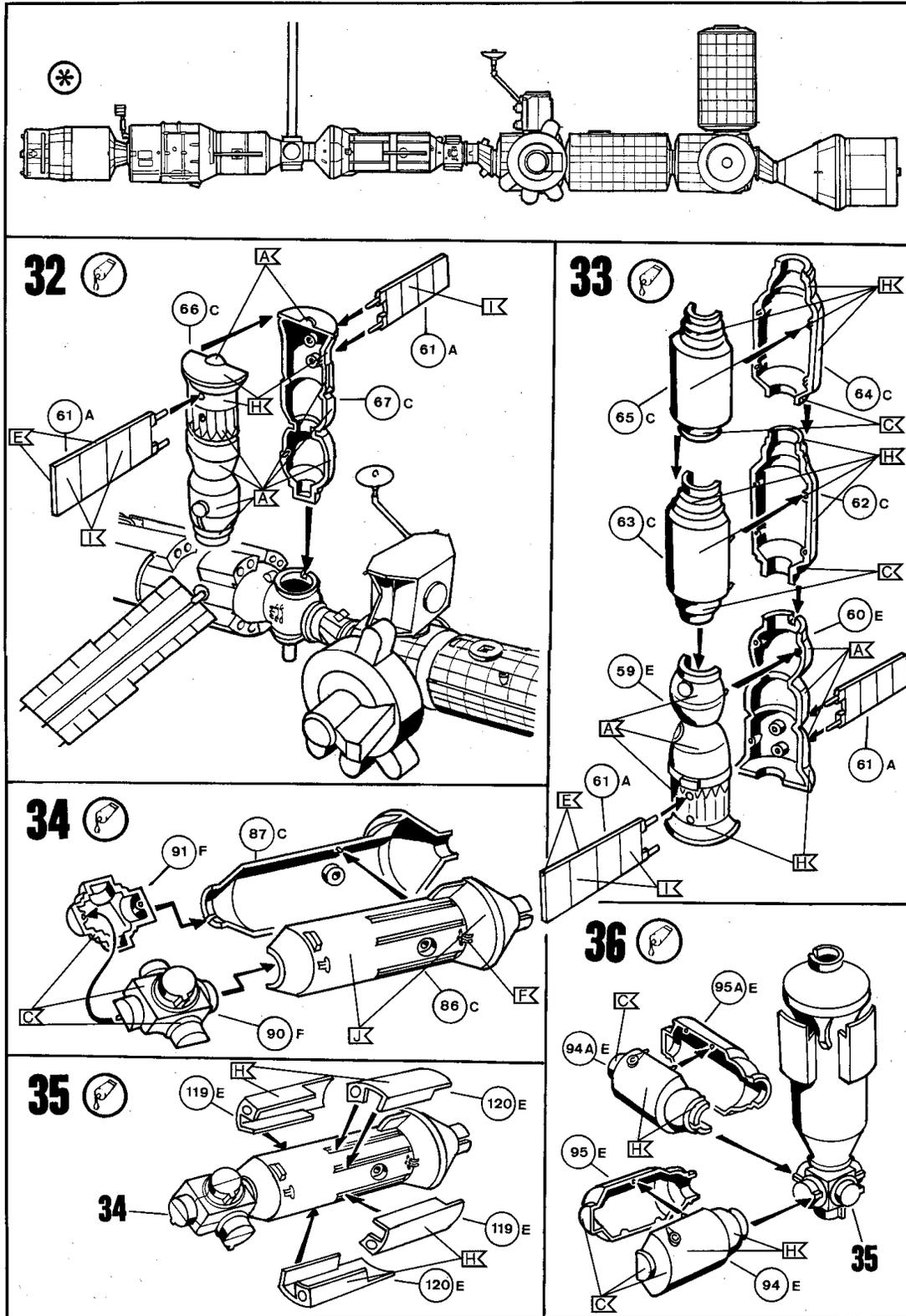


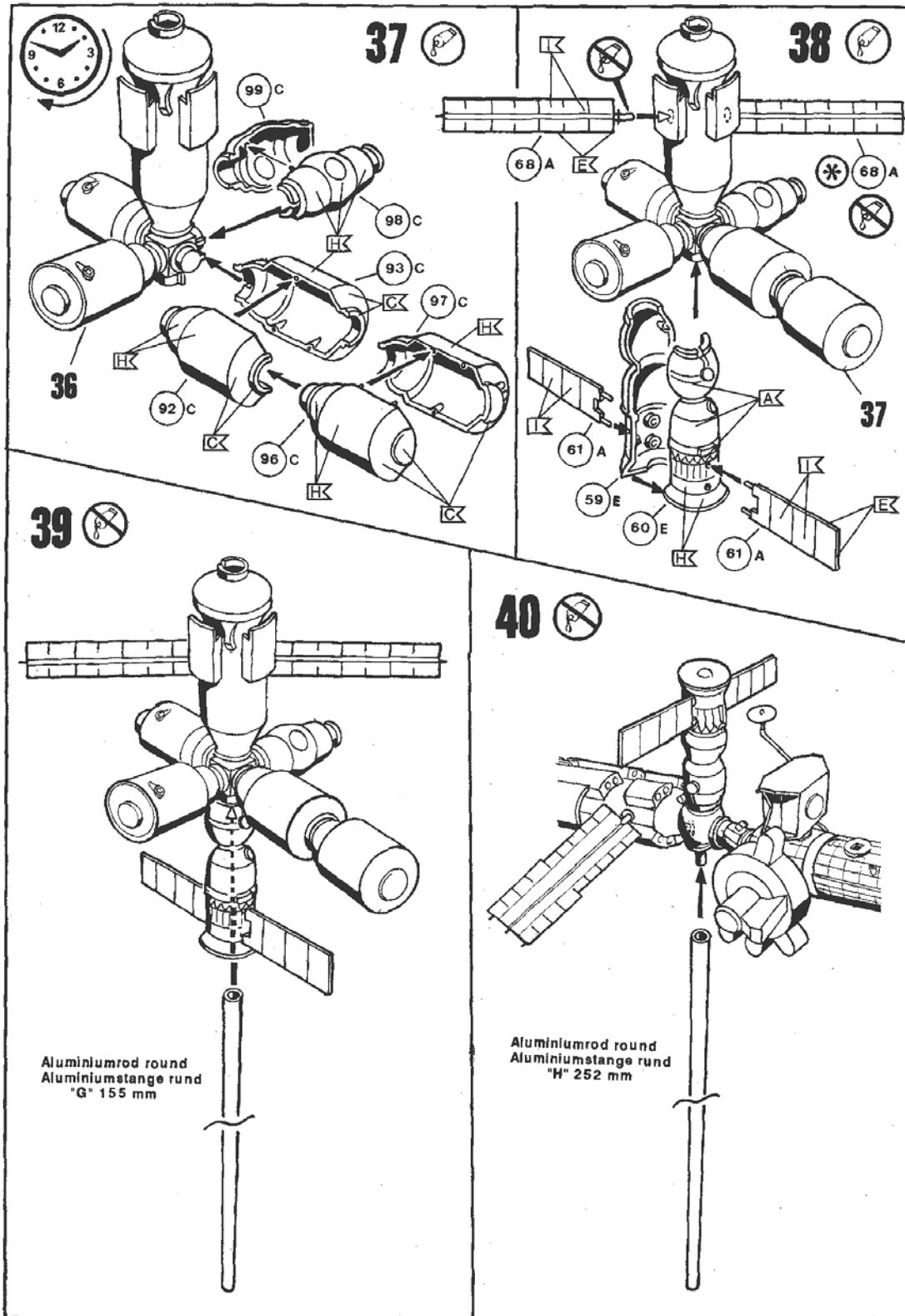


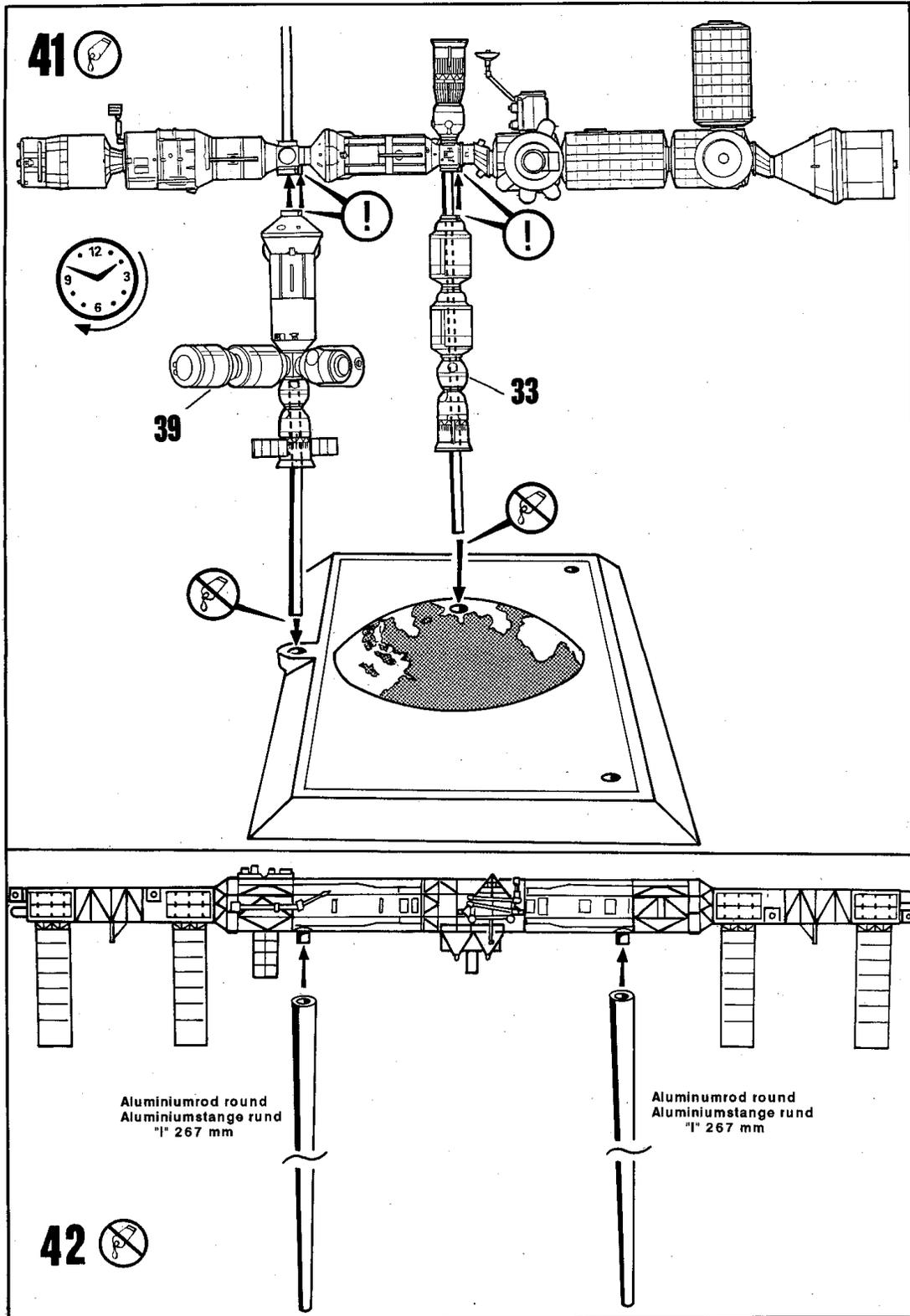


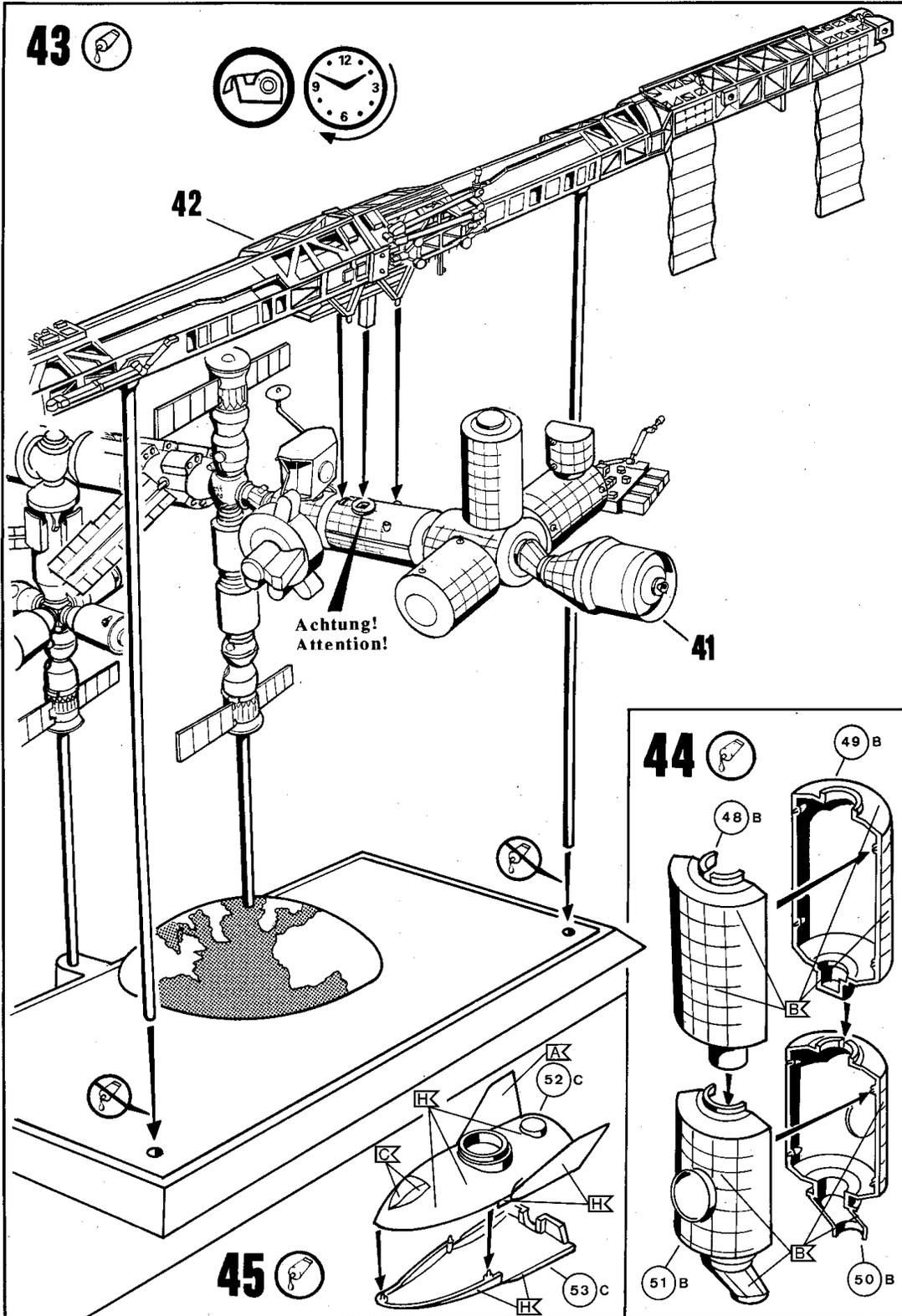


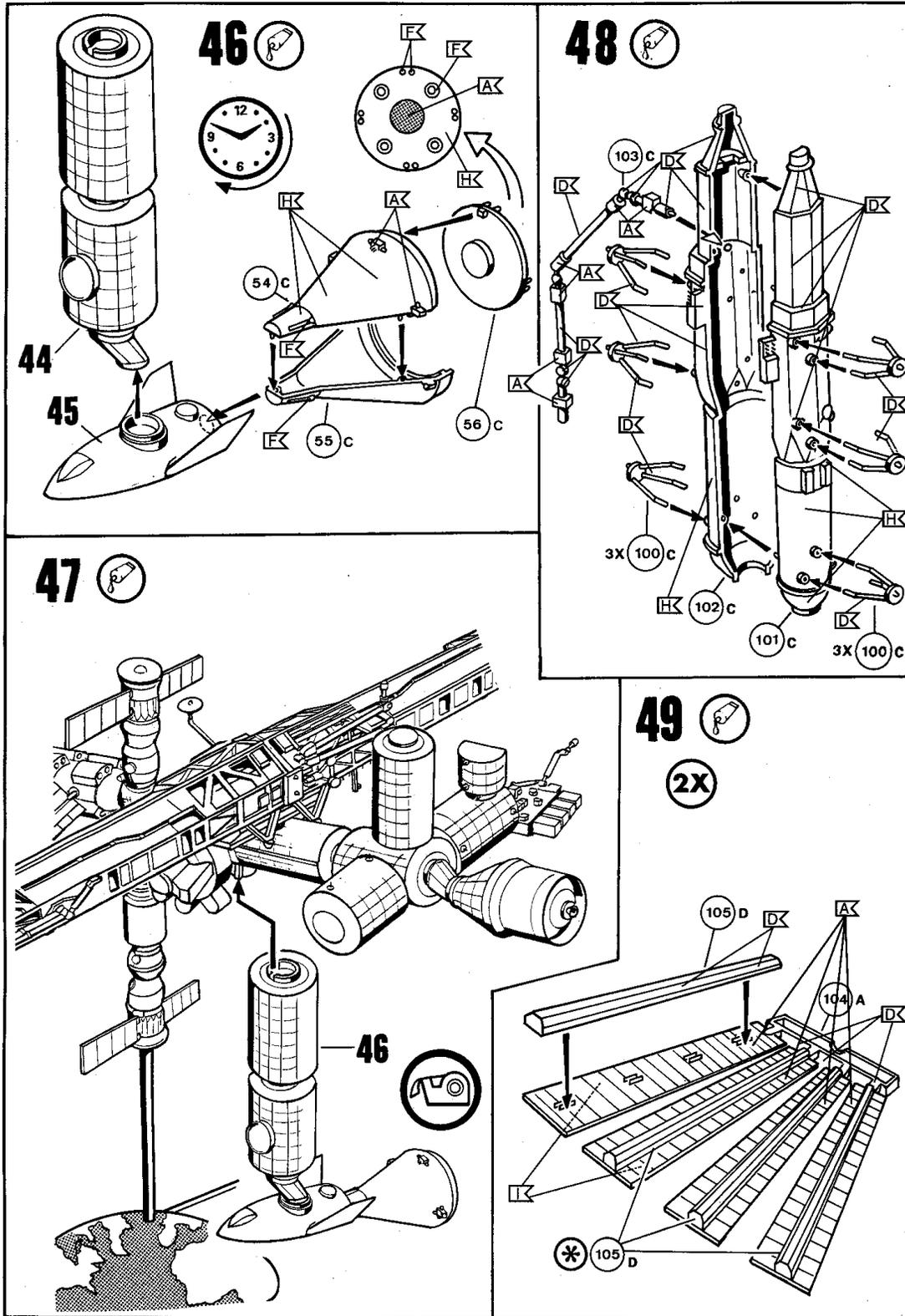


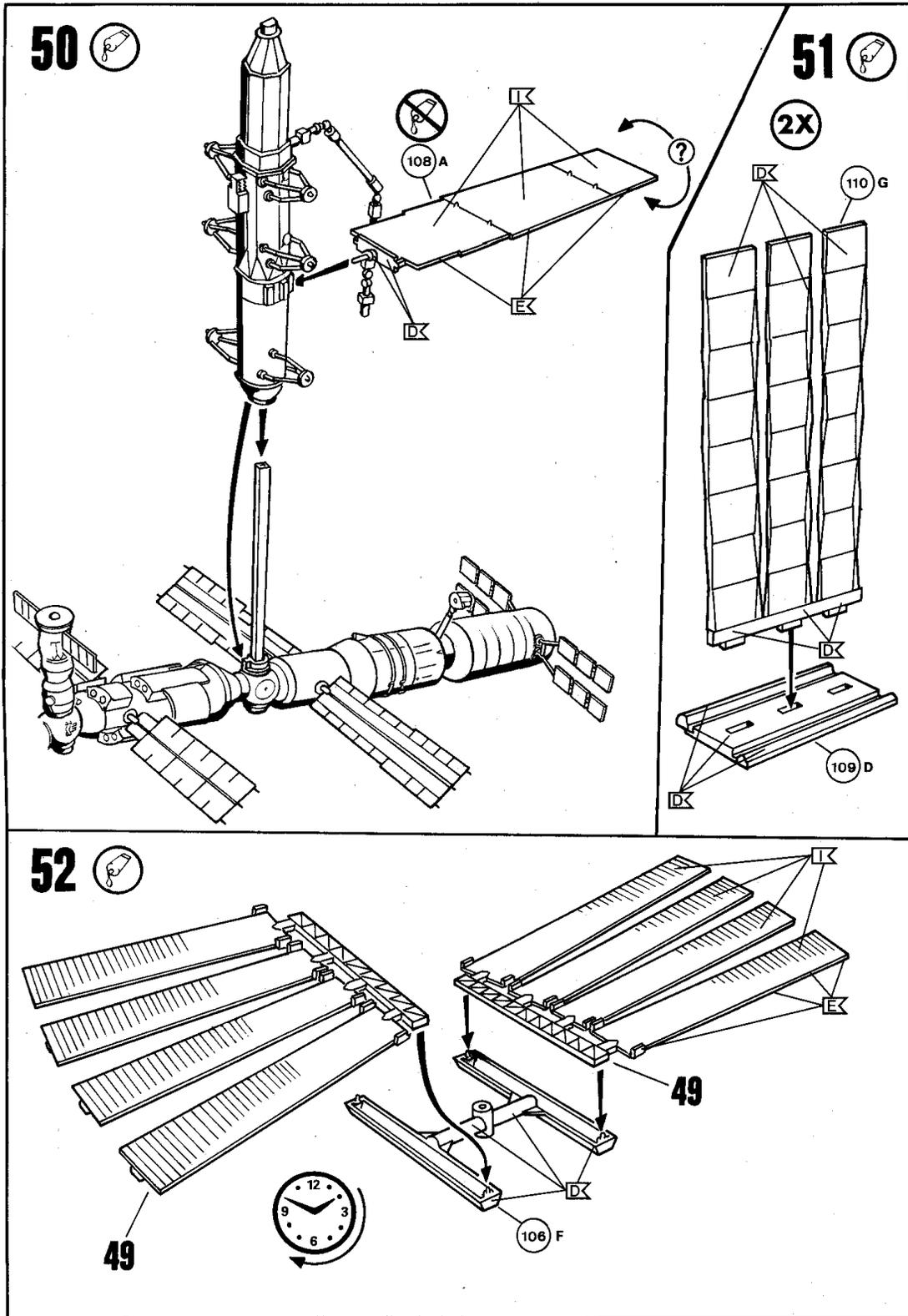


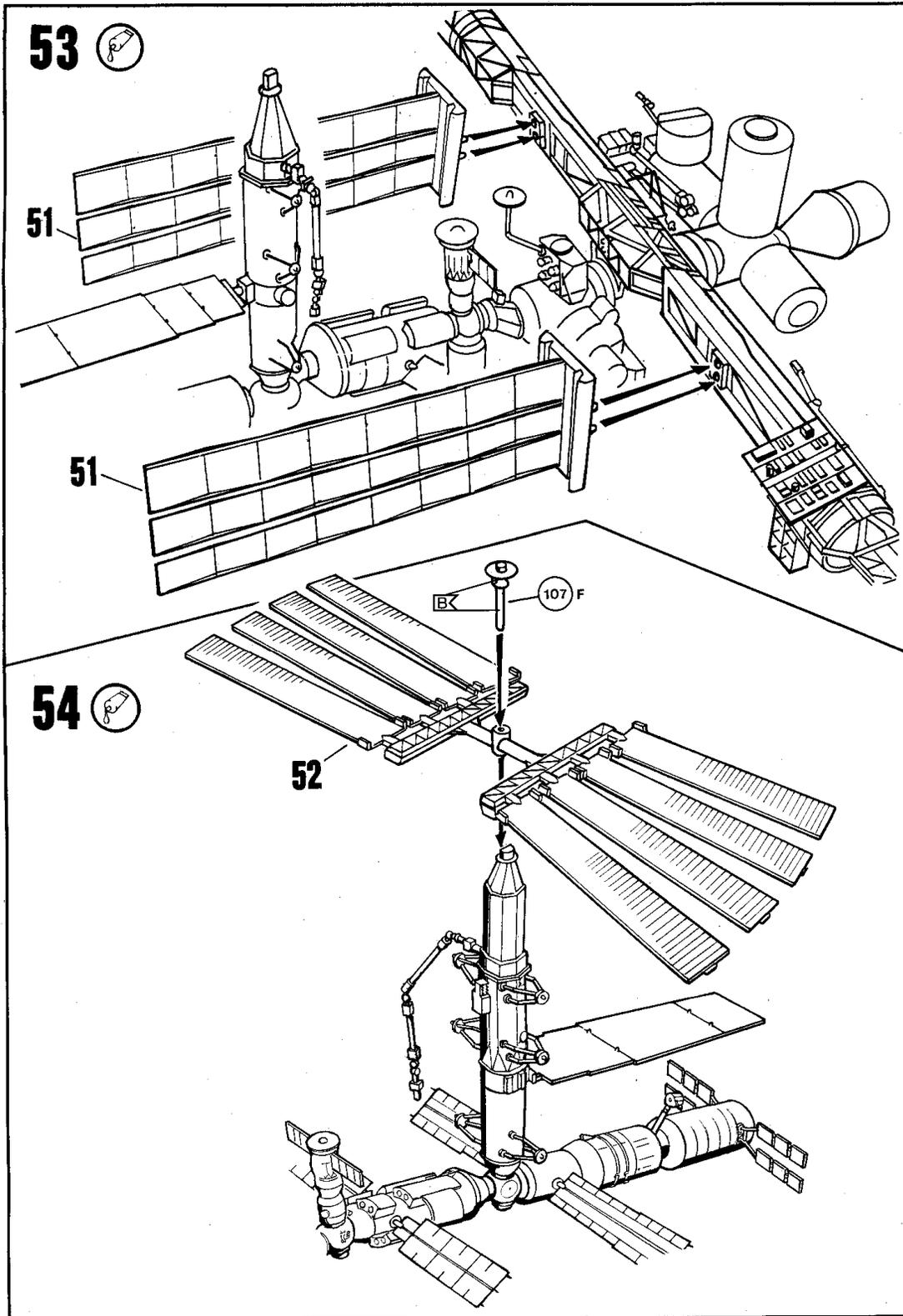


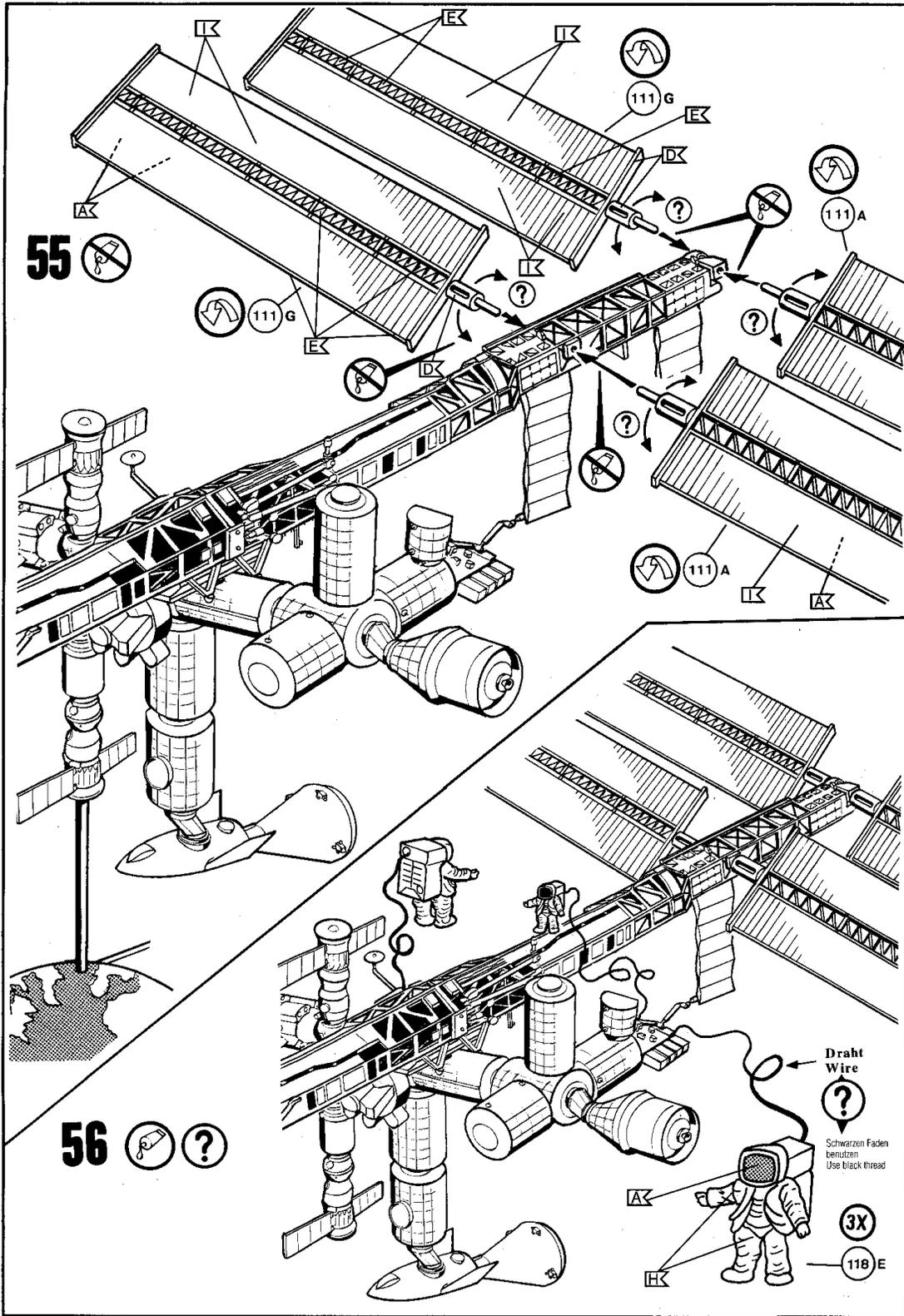






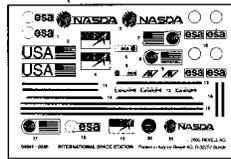




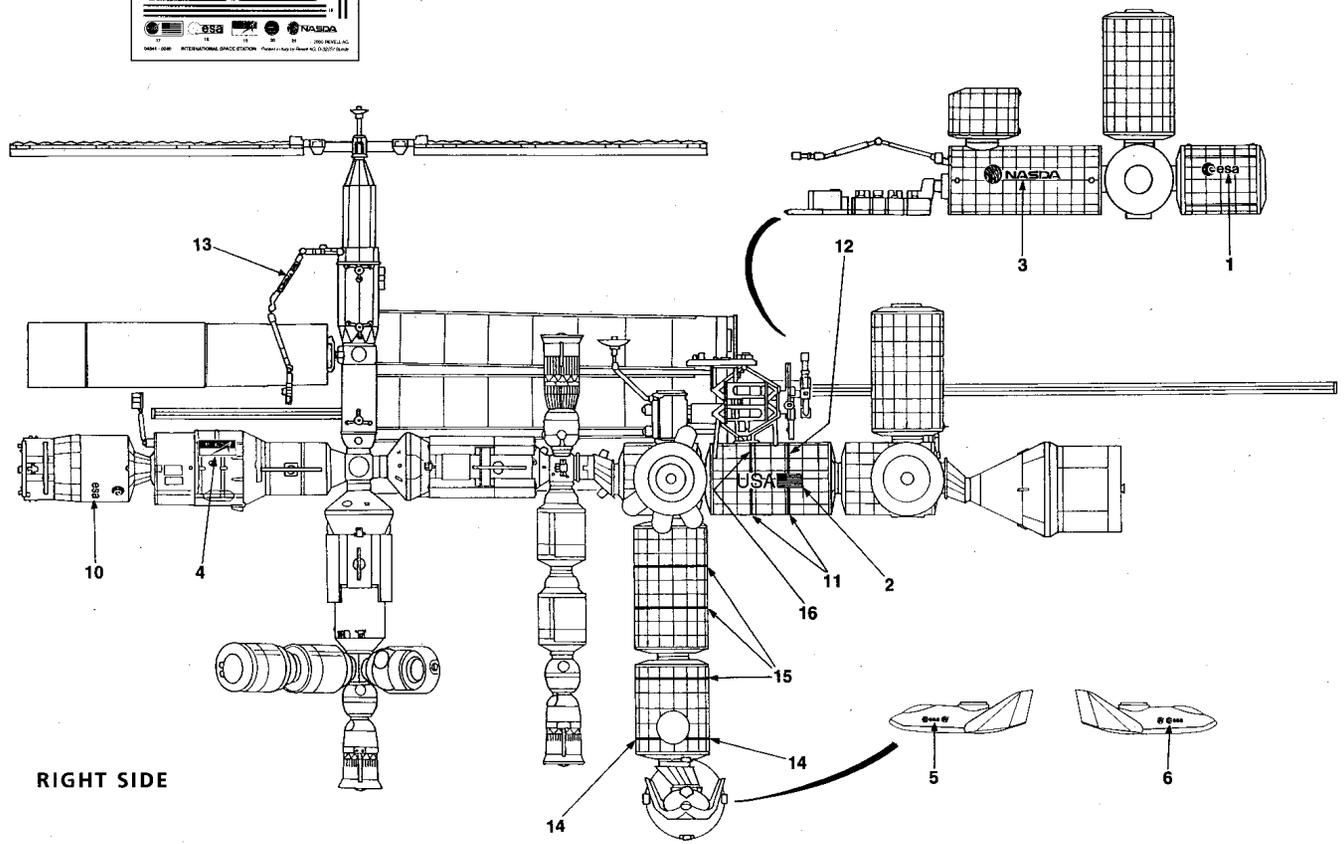




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INTERNATIONAL SPACE STATION



RIGHT SIDE

