



# Prinz Eugen / Hipper Detail Set

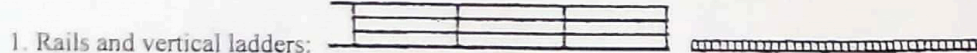
751

1/700 scale


Do not remove any parts from the tree until you are ready to add them to the model or assemble them. If you use an X-Acto blade or comparable to cut the parts off the sheet, it's best to have a hard surface underneath to prevent bending the parts. Cyanoacrylate glues (super glue) or craft glues (such as Aileen's or Gator Glue) may be used to attach or assemble brass parts. Before assembly, wash the parts with a de-greasing soap to facilitate painting. When bending is required, we recommend the modeler use a bending tool such as Hold & Fold provided by The Small Shop (<http://www.theshop.com>) or use a sharp-cornered straight-edge such as the X-Acto chisel style blades (#17, 18). Place a flat surface over the part to hold it in place and slip the blade under the part to be bent. This will ensure a good, clean bend. If bent incorrectly, simply turn the piece over and flatten the bend out (brass is very forgiving). Dowels or other forms can be used to mold curves.

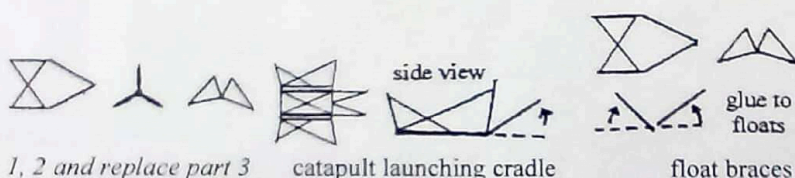
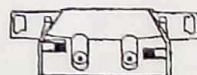
Reference information: German Cruisers of World War Two by M. J. Whitley, Heavy Cruisers of the Admiral Hipper Class by Koop and Schmolke, Warship Pictorial #21 Prinz Eugen, Bill Giordano, Steve Wiper, Don Montgomery.

Regular type is for the Tamiya Prinz Eugen kit. Part numbers in *italics* are for the Trumpeter Prinz Eugen kits. A (42) or (45) indicates a specific kit, (H) indicates a part number for the Trumpeter Hipper kit.

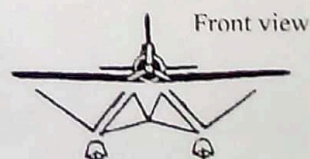
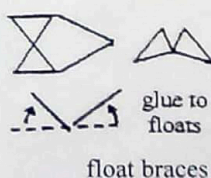


1. Rails and vertical ladders:  
Check references for locations

2. Turret face windows:  turret windows to parts C17, C18 D20, D19 D34, (H D33)  
Locations are asymmetrical.

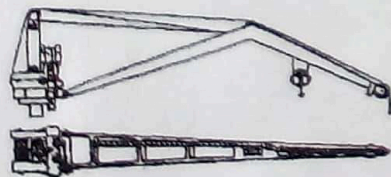


3. Aircraft Brass:  
modify parts C31 1, 2 and replace part 3 catapult launching cradle  
Modify part B4 to use brass launching cradle

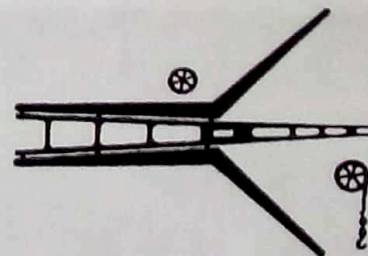




4. Prinz Eugen Cranes: modify part C15 to remove crane jib leaving only the base, replace parts E15, E16

Not used on Hipper



Bend sides 90 degrees

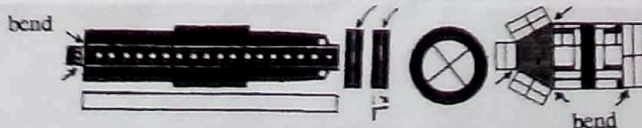


5. Rafts: bottom  top  check references for locations. Plastic .020 inches can be added to increase thickness

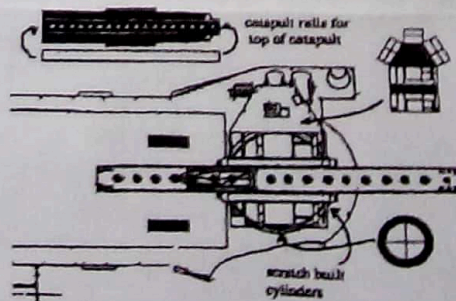
After 1942 oval rafts may be used also (not supplied) check references


6. Catapult and base platform:

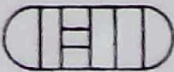
Replace part B4 B35 (H C23)  
Add catapult platform and ring to part B34, Add ring to part B43 (H C63), Replace part A23 (H C13)



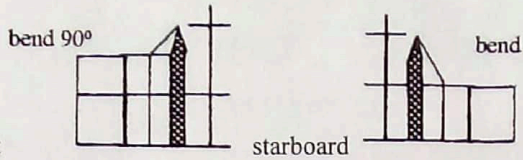
make two air cylinders located on each side of the catapult using .020 inch plastic rod and rounding off ends

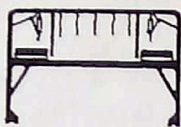


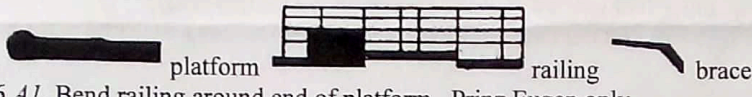
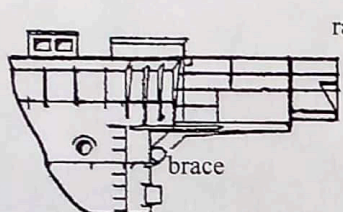
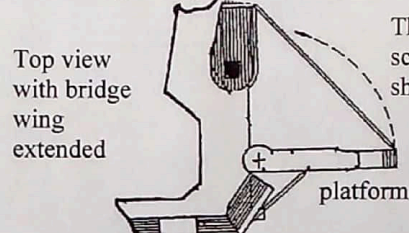
7. Capstan wheels:  mount on top of C11 cast on foredeck

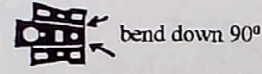
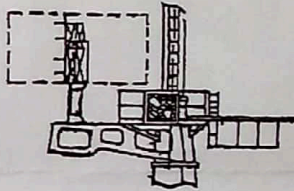
8. Funnel cap grill Prinz Eugen only:  modify part B15 A11 to remove cast-on grill. Hipper's grill was different.

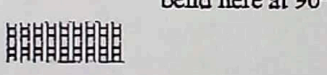


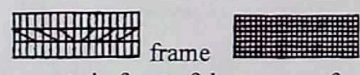
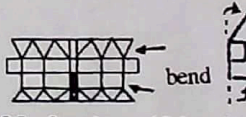
9. Boat racks Prinz Eugen only: port  
 Remove cast on racks on B7. Replace parts *D2, B2, B7, B10 and B5*  
 Racks on Hipper were different.
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- bend 90°      starboard      bend down 90°      Bend outer support legs down 90 degrees. Add boat cradles on to cross pieces. Long boat rack mounts directly on to the adjacent deck B7 super deck. See item 22 illustration.


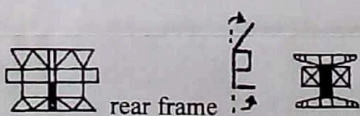
10. Boat rack frame:  replace part C30 *E1 (H D18)* Bend 90 degrees (horizontal) small platform at either end of part

11. Bridge wings and supports:  platform railing brace  
 Remove cast on detail from B36 *A1*. Bend railing around end of platform. Prinz Eugen only.
- Front view with bridge wing extended  railing brace  
 Top view with bridge wing extended  This brace must scratch built if shown extended  
 platform

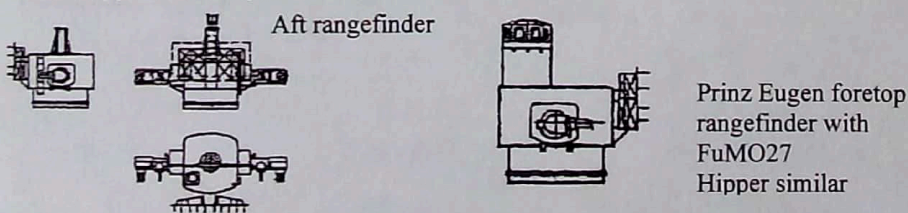
12. Mast support for FuMO 25 antenna:  bend down 90° replace part B3 *modify part B8*
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13. Radar face Dipoles for FuMO units:  bend here at 90°  
 Bend the base of the dipoles 90 degrees and glue to the face of the radar FuMO25 (16 qty) and FuMO27 (10 qty).


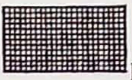
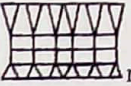
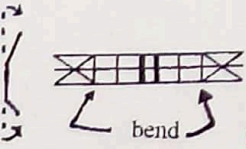
14. FuMO25 antenna:  frame protective screen  bend Prinz Eugen only  
 rear mounting framework Replace B5 B44 Protective screen mounts in front of the antenna framework on FuMO 25 **after item 13 has been added.** Not always present.

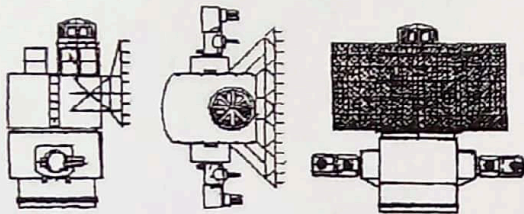
15. FuMO27 antenna:  frame protective screen  rear frame mount Prinz Eugen only  
 aft rangefinder. Protective screen mounts in front of the antenna framework on FuMO 27 **after item 13 has been added.** Not always present.

Also on Hipper's aft rangefinder (*H C20*) after 1940. Replace part B37 *B19* on Prinz Eugen's foretop rangefinder through September 1942.








16. FuMO26 antenna:  frame  protective screen  rear frame  bend mount  
 Protective screen mounts in front of the antenna framework on FuMO 26 **after item 13 has been added.** Not always present.

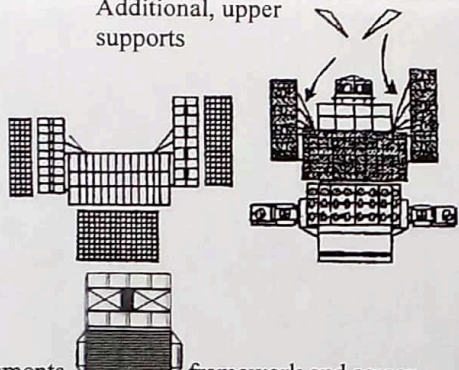


Prinz Eugen foretop rangefinder with FuMO26 antenna August 1944 – May 1945

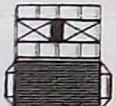


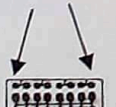

For Tamiya kit, the observation box on the rangefinder that the antenna is mounted to must be scratch-built using the top  and bottom  provided. Remove small round cabin on part B39 and replace on top of observation box as shown. Add ladders  on either side of the box as shown. *Add ladders to part B38*



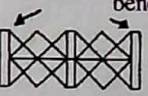
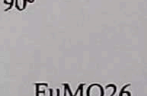
FuMO26 with "owl ears." Used on Prinz Eugen only, mid-war 1943-44. FuMB7 mounted below.



Additional, upper supports

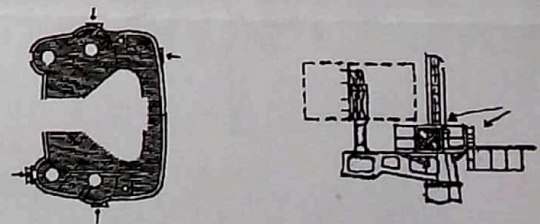



17. FuMB 7:  elements  framework and screen

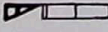
bend sides in 90°  bend framework down as shown at right  bend 45°   
 bend 90°  bend ends of the elements 90°  and mount to the face of the screen

18. Protective covers and braces for radar antennas:  FuMO27  FuMO26  bend 90°  bend 90°  
 Used to protect the dipoles when canvas covers were placed over the antennas

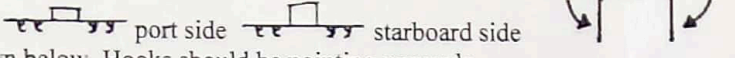


19. FuMB4:  assemble as shown  Mounted on Prinz Eugen in 4 locations on the Foretop B11 A6 as shown and in 3 locations, front and sides, on the mainmast lower platform B3 B8.

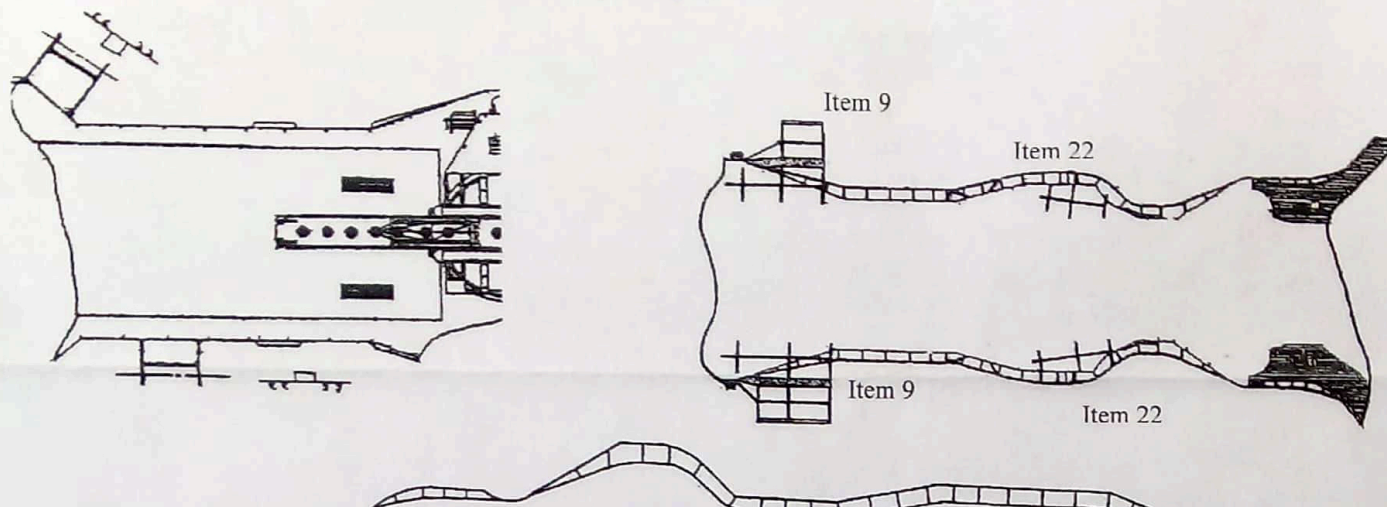


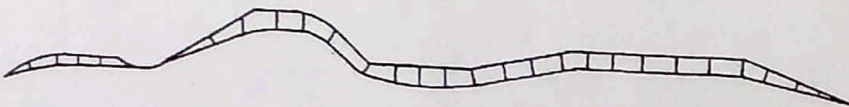
20. Mainmast spreader detail:  mount on underside of parts B33 and B42 B8 and B14 (H C16)


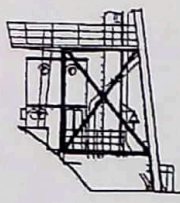
21. Foretop spreader detail:  Modify part B28. Add below aft end of part A6 (H A13) at an angle

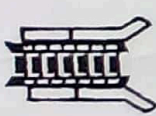
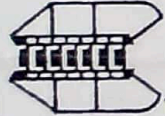


22. Paravane storage racks:  port side  starboard side  bend ends down 90 degrees then add to part B34 *Superdeck* as shown below. Hooks should be pointing upwards.



23. Detail along the deck edge:  add to part B7 as shown above *remove cast-on detail from part Superdeck and replace with brass as shown above.*

24. Platform bracing:  add to either side of mainmast platform B29 A3  Prinz Eugen only

25. Inclined ladders:   Two styles have been provided. Check references for locations

