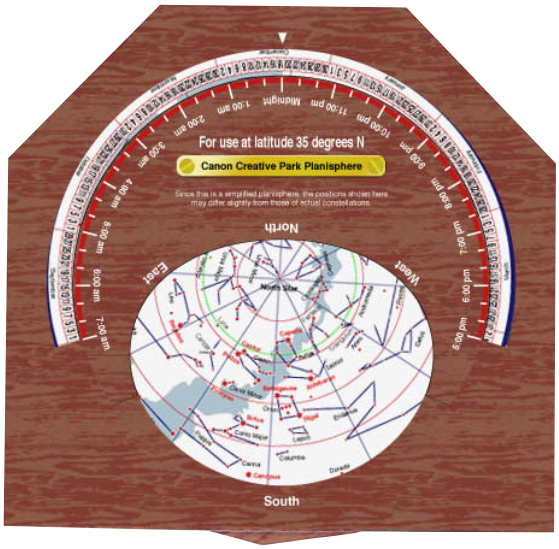
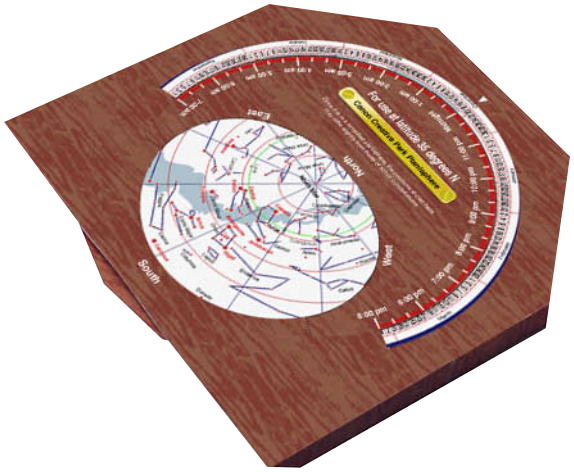
View of completed model





Planisphere

A planisphere is an instrument used to represent the heavens at any time and date, by aligning its date and time scales. For example, by aligning March 1 on the rotating date scale to 7:20 pm on the inside time scale, you can reproduce the starry sky of 7:20 pm on March 1.

To view the southern sky, hold the planisphere with the "South" label on the bottom, and to view the northern sky, hold the planisphere with the "North" label on the bottom. Compare the stars shown on the planisphere with the actual night sky. The edge of the planisphere's opening corresponds to the horizon, while its center corresponds roughly to the sky directly above your head (the zenith). Note that the constellations of the southern sky are shown stretched to the left and right. You can use this planisphere to try to memorize the names of the constellations, by comparing it with the starry sky on a clear night.

Editor

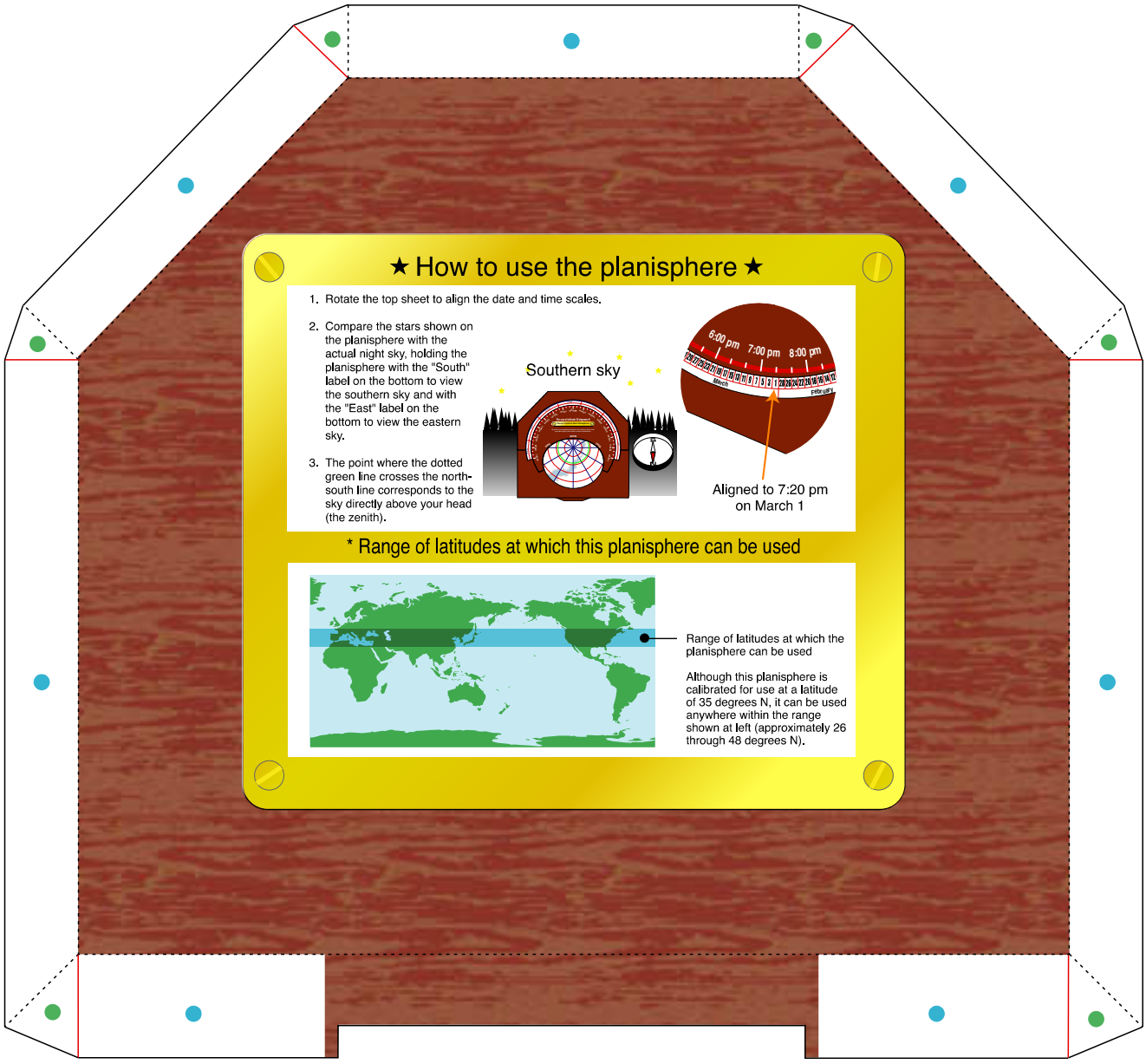
Motomaro Shirao
Born in Tokyo in 1953; graduated from the Faculty of Science, Tohoku University; attained Master's degree (in volcanology) from the Graduate School of Science at the University of Tokyo; now a photographer and science writer; focuses on educating people about and promoting science through photography and writing on subjects including volcanoes and astronomy.

■ Parts list (pattern) : Seven A4 sheets (No.1 to No.7)

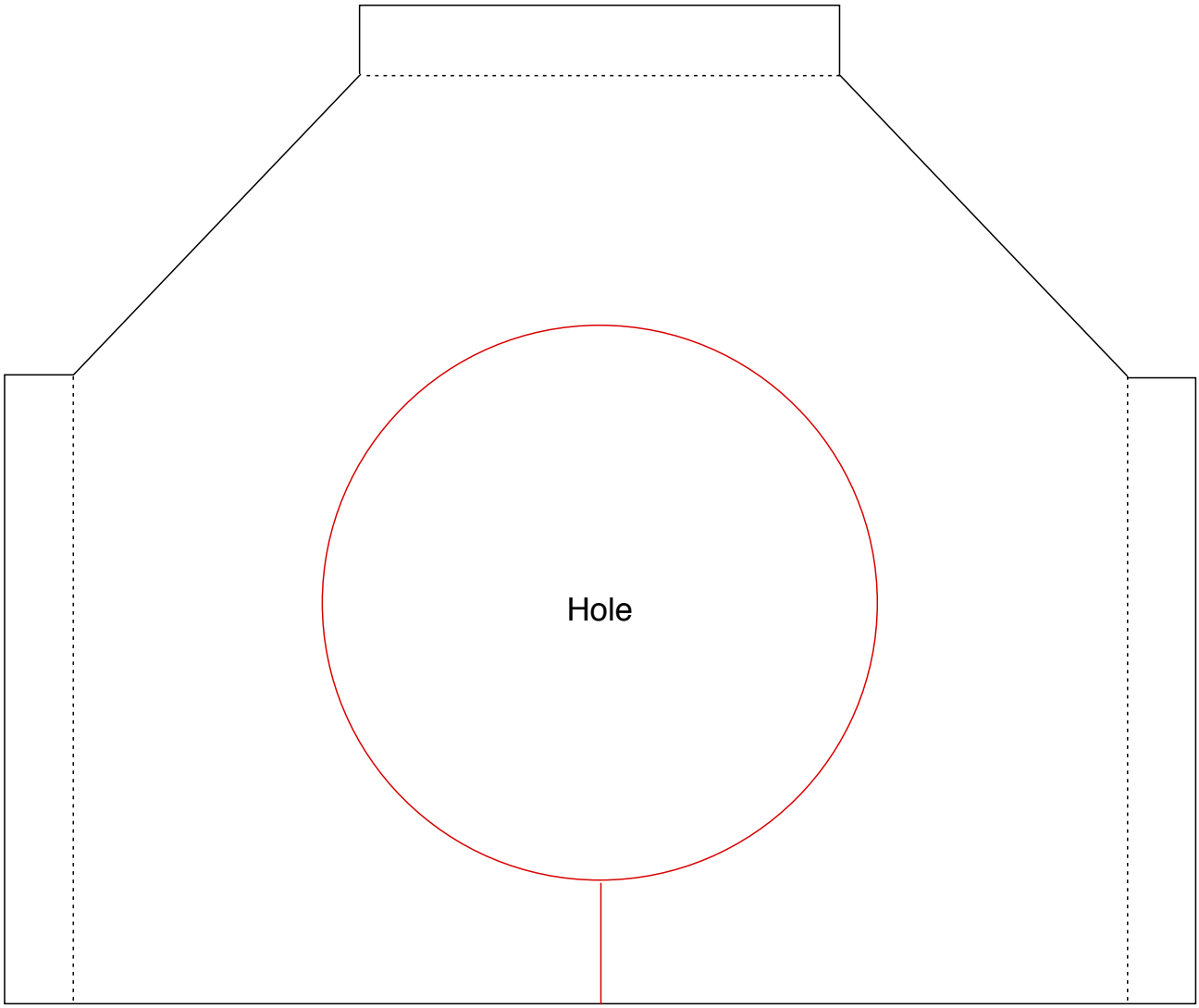
■ No. of Parts : 10

* Build the model by carefully reading the Assembly Instructions, in the parts sheet page order.

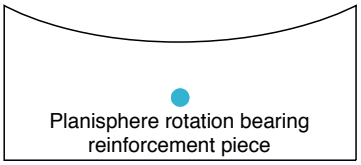
Rear side of housing



Planisphere rotation bearing

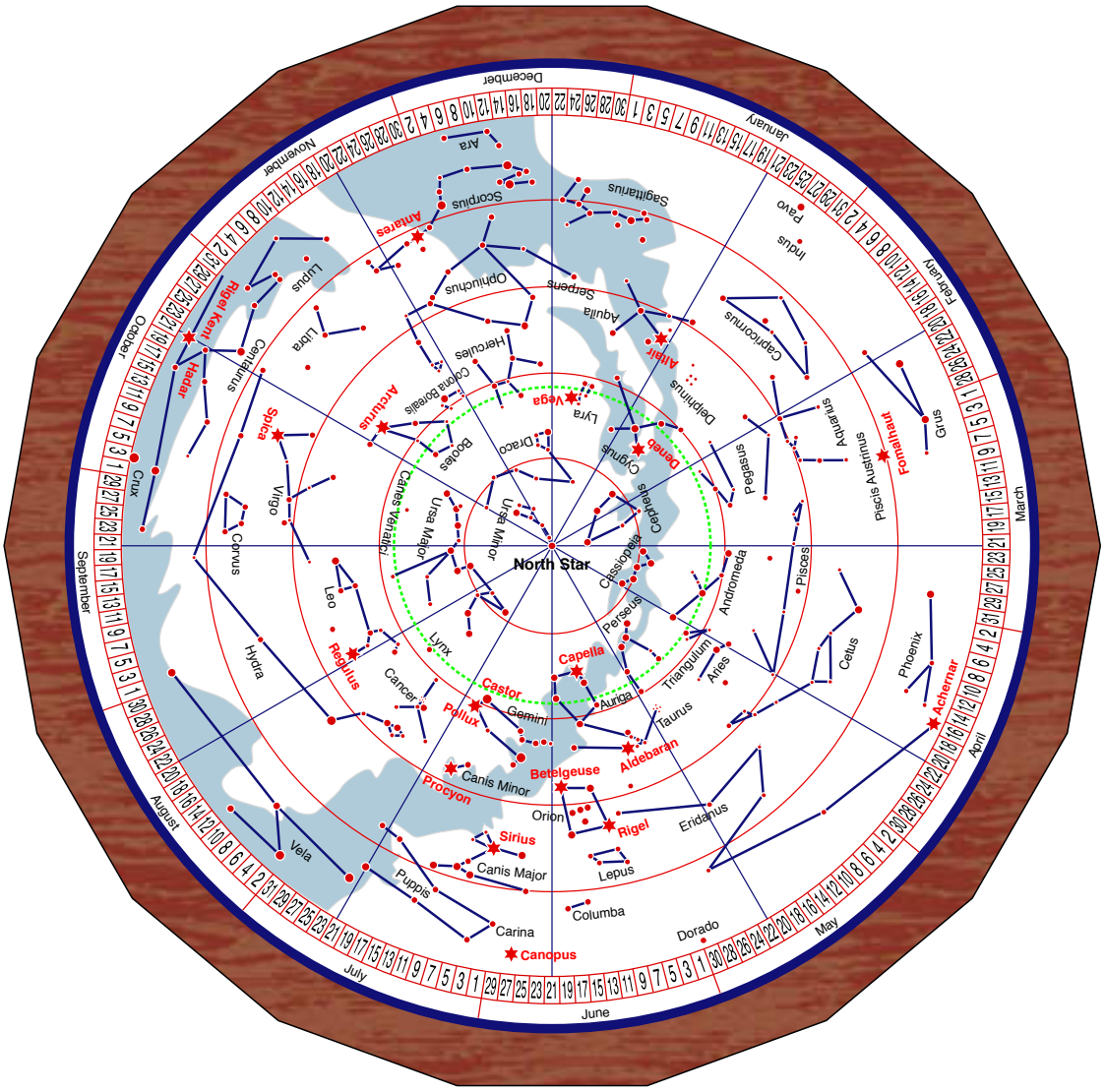


Reinforce the line you cut using scissors by gluing the planisphere rotation bearing reinforcement piece on the reverse side.

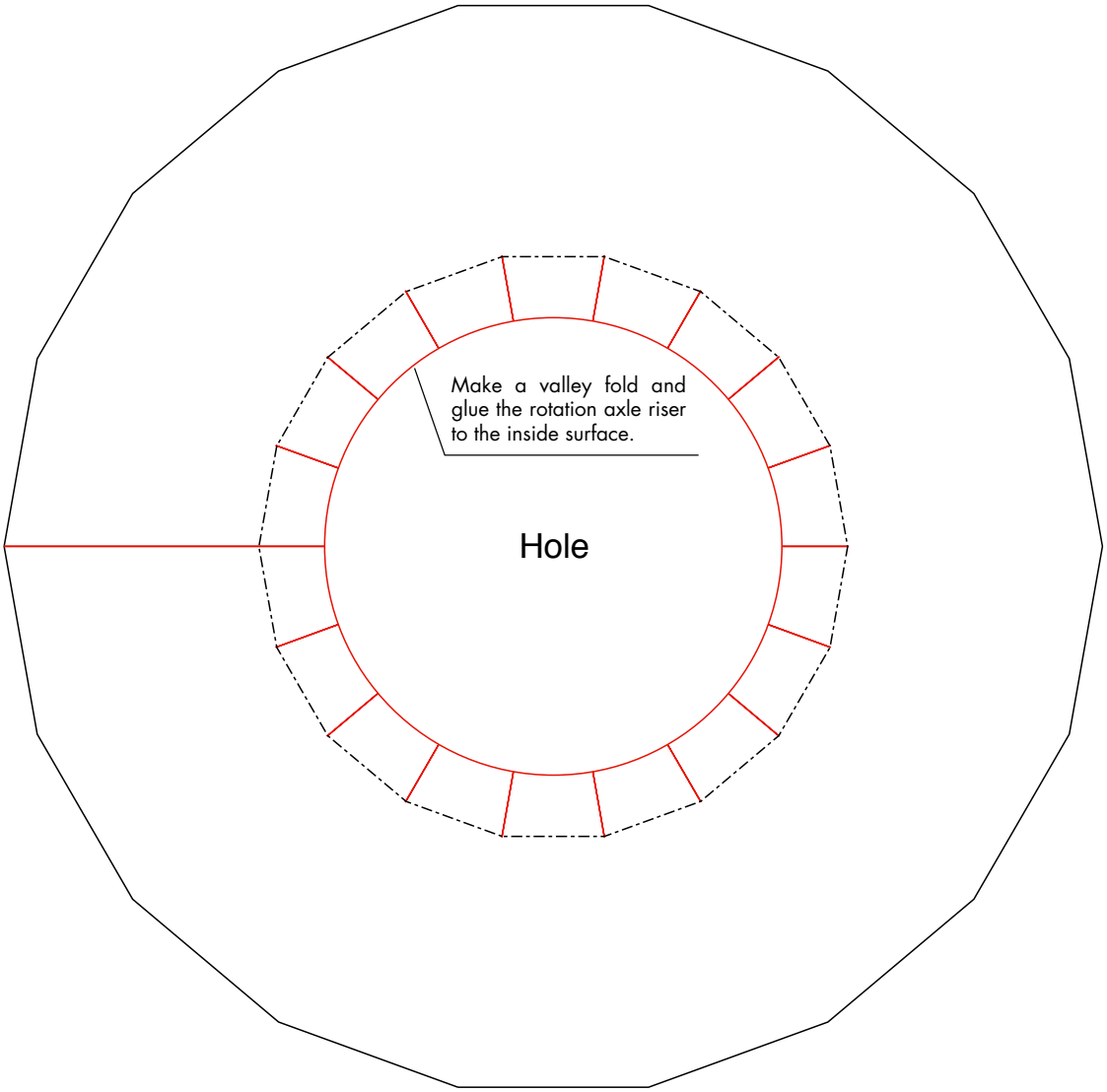


Planisphere rotation bearing reinforcement piece

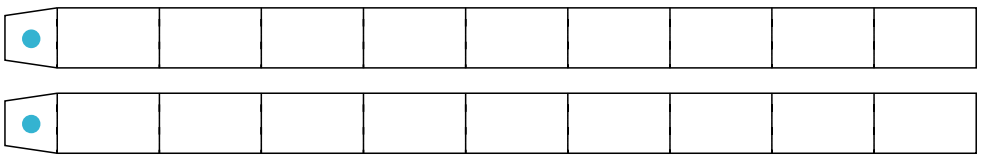
Planisphere wheel



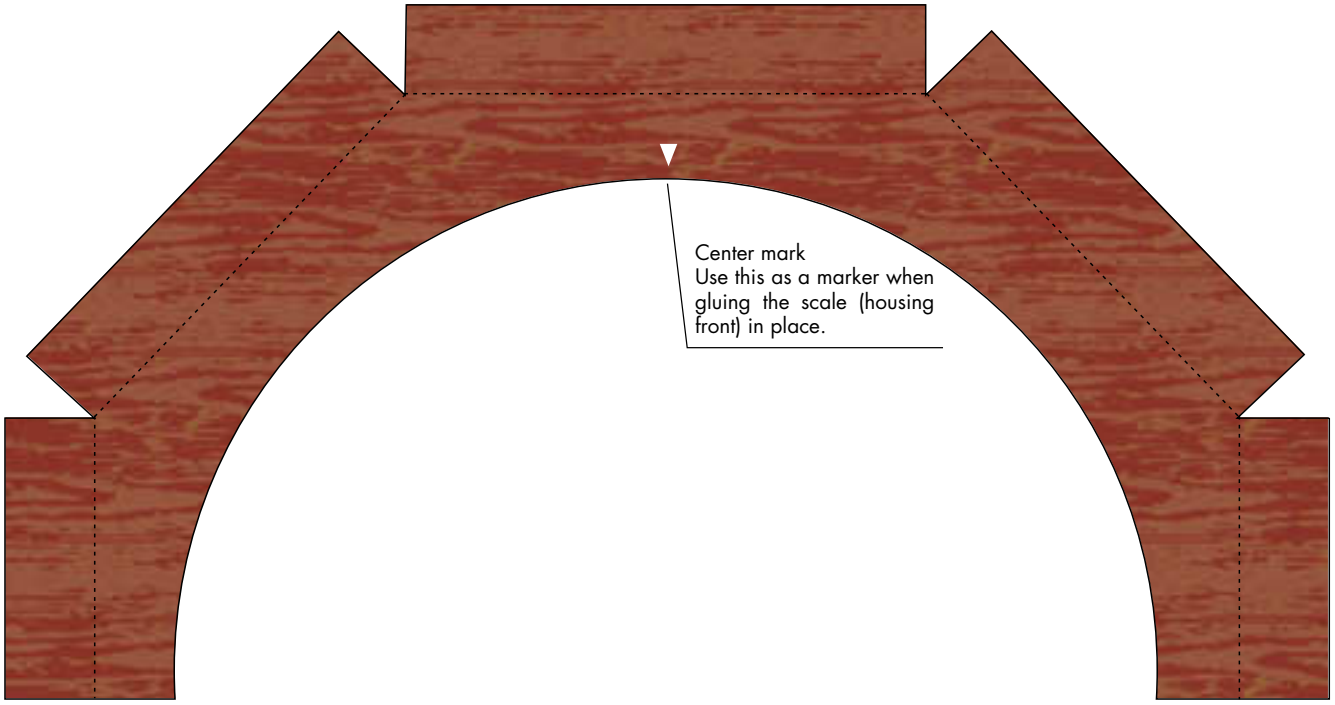
Planisphere wheel backing

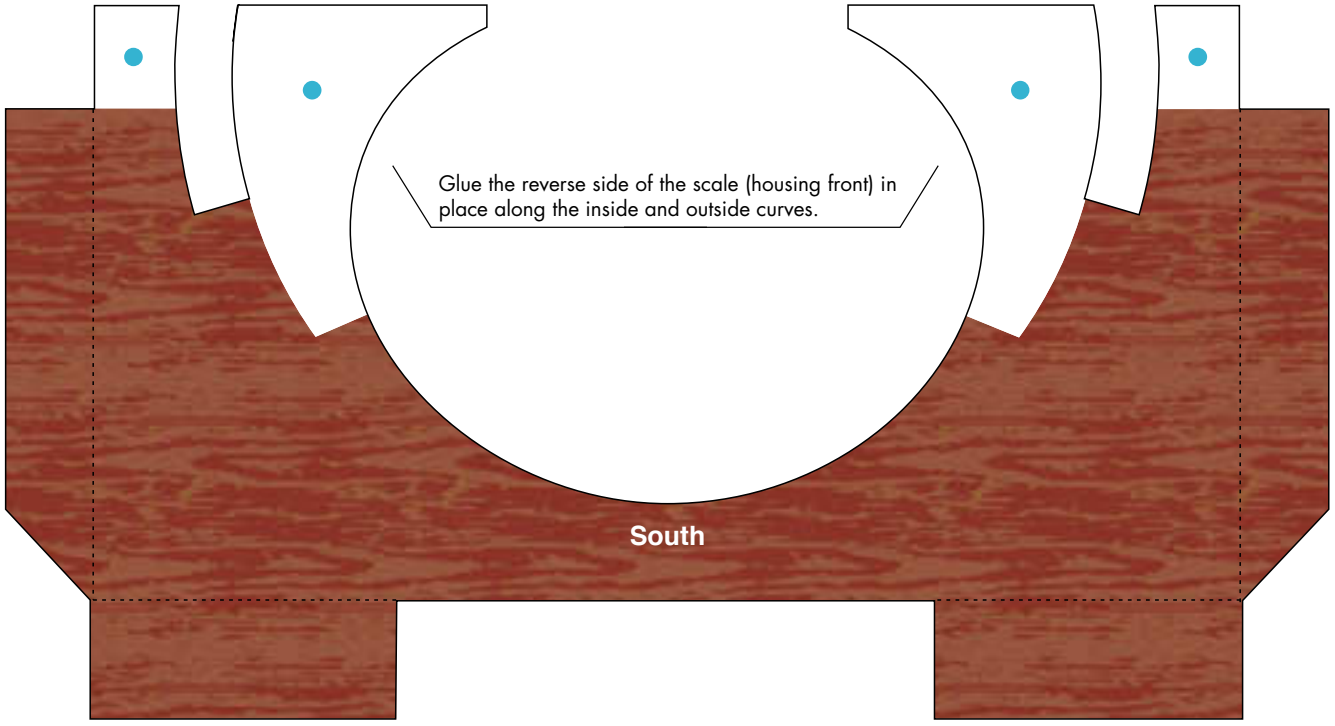


Rotation axle riser



Front side of housing





Scale (housing front)