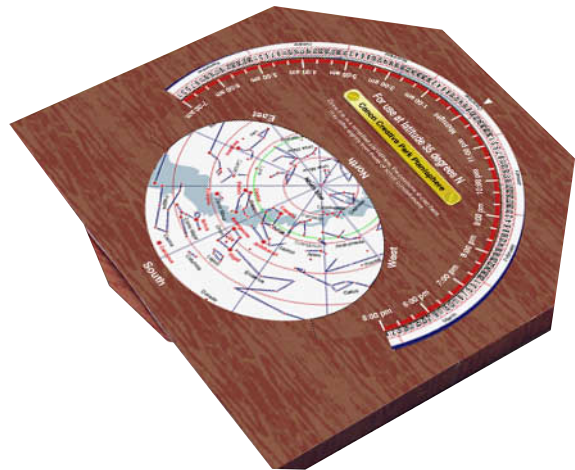
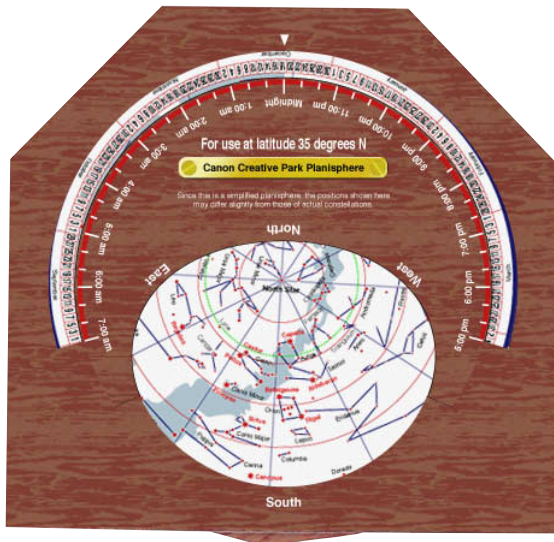


CREATIVE PARK

<http://www.canon.com/c-park/en/>

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

★ How to use the planisphere ★

1. Rotate the top sheet to align the date and time scales.
2. Compare the stars shown on the planisphere with the actual night sky, holding the planisphere with the "South" label on the bottom to view the southern sky and with the "East" label on the bottom to view the eastern sky.
3. The point where the dotted green line crosses the north-south line corresponds to the sky directly above your head (the zenith).

Southern sky

Aligned to 7:20 pm on March 1

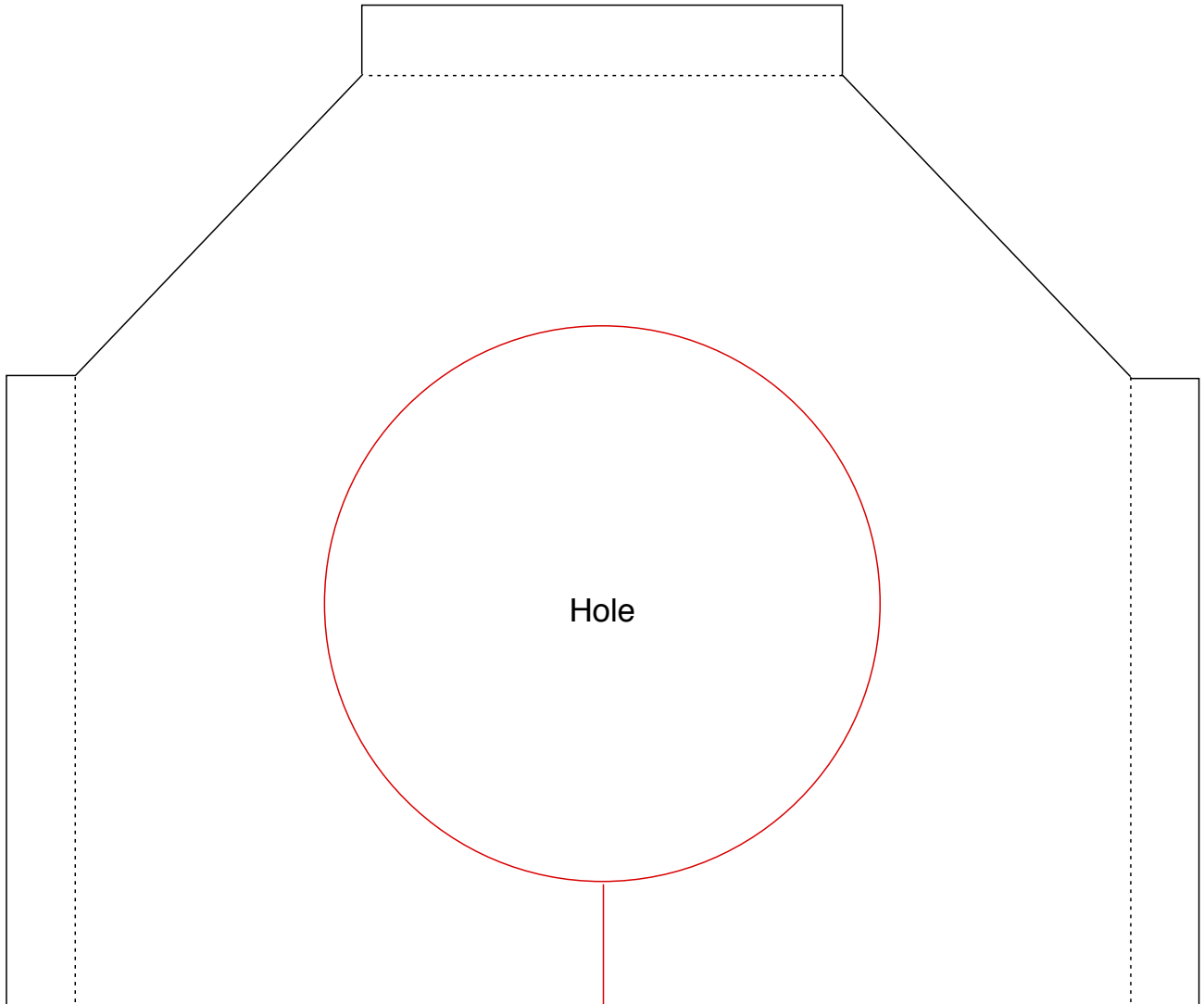
*** Range of latitudes at which this planisphere can be used**

Range of latitudes at which the planisphere can be used

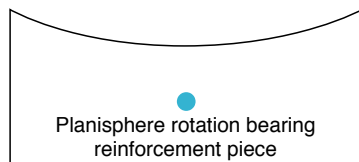
Although this planisphere is calibrated for use at a latitude of 35 degrees N, it can be used anywhere within the range shown at left (approximately 26 through 48 degrees N).

Canon CREATIVE PARK
<http://www.canon.com/c-park/en/>
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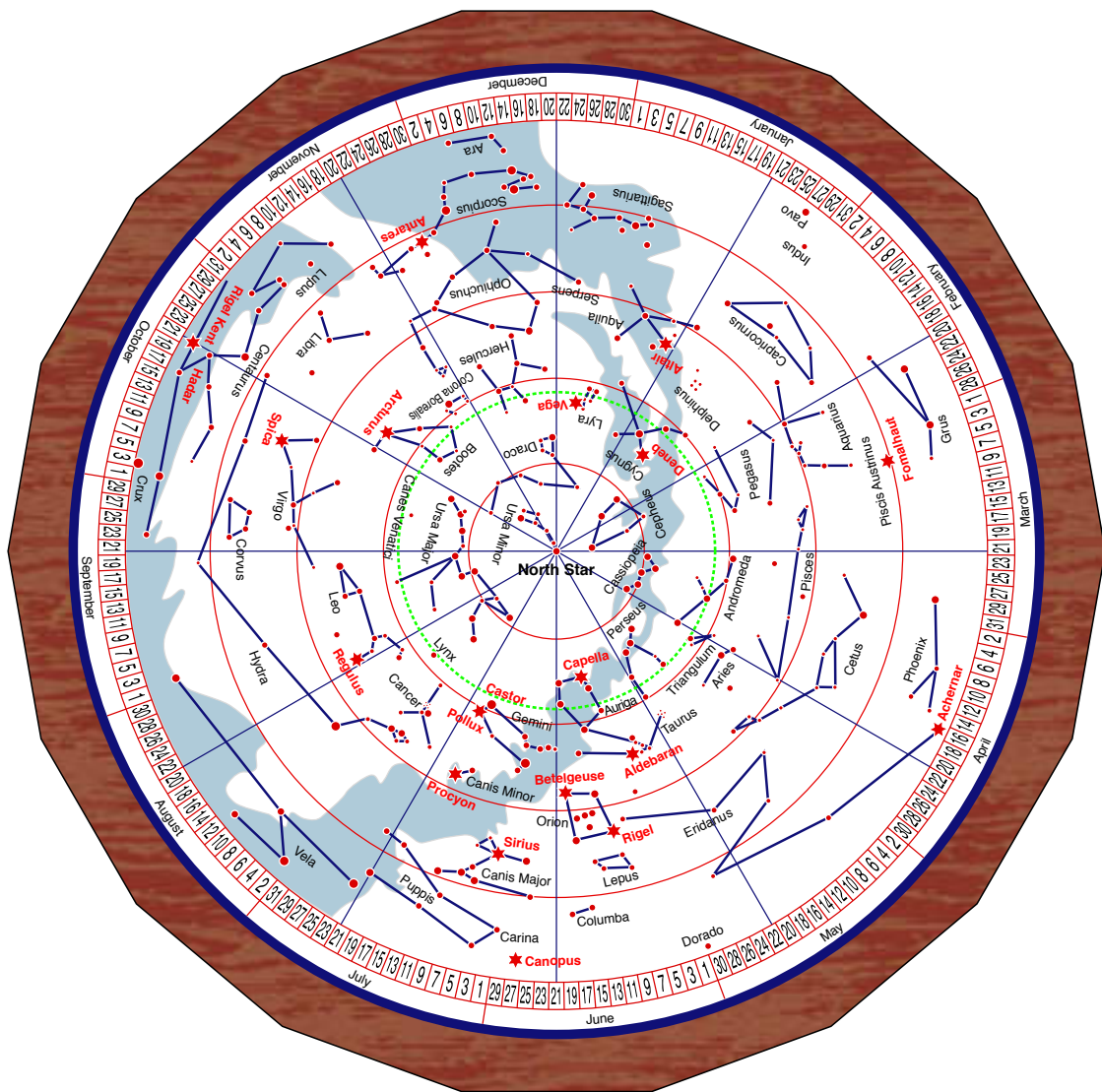
Planisphere rotation bearing



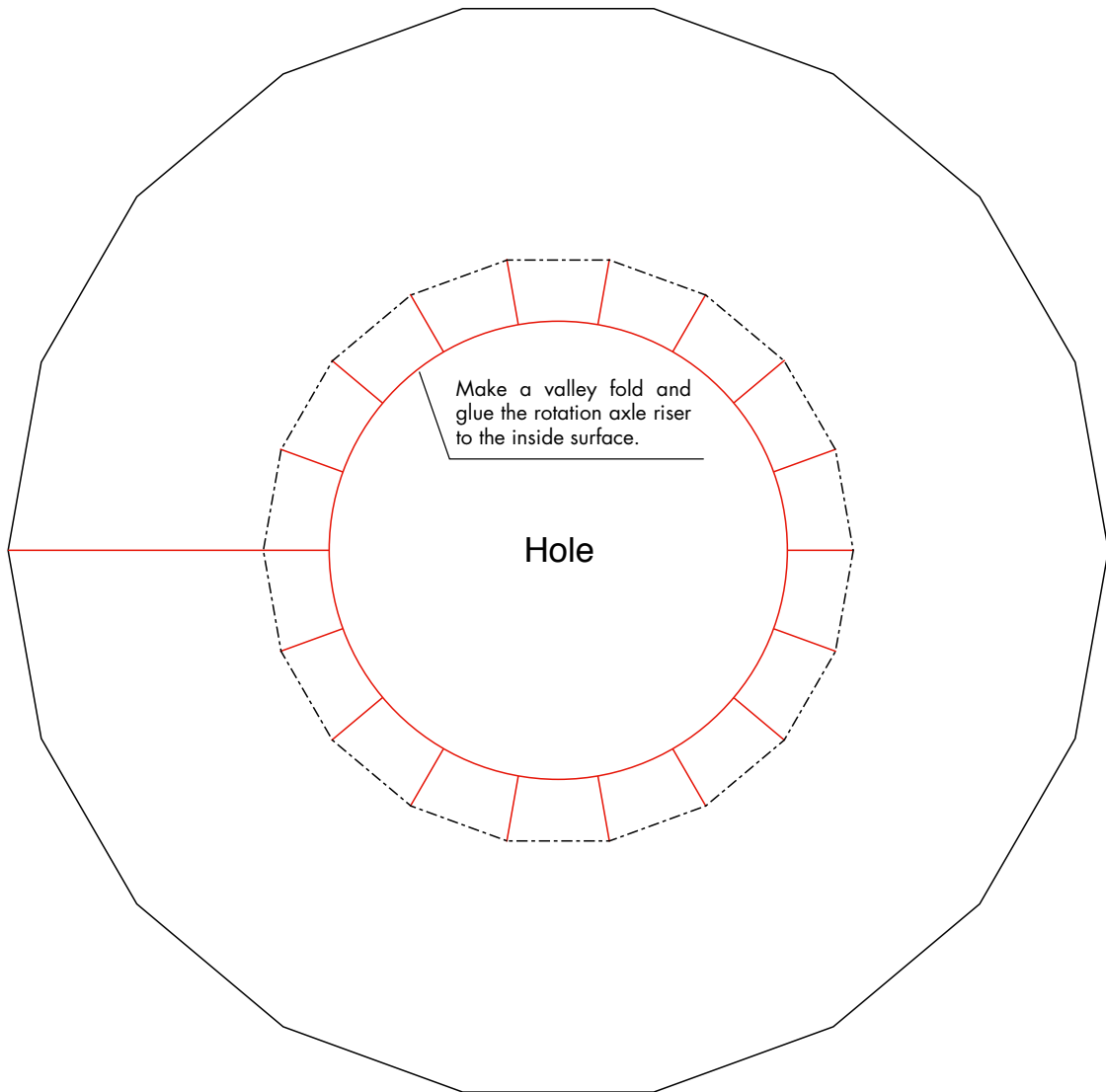
Reinforce the line you cut using scissors by gluing the planisphere rotation bearing reinforcement piece on the reverse side.



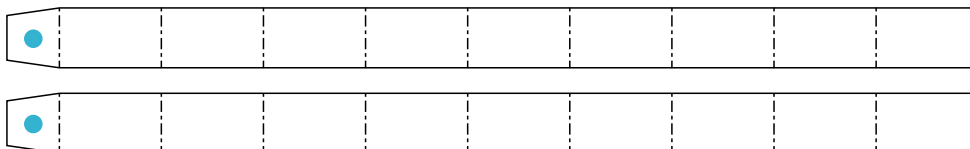
Planisphere wheel



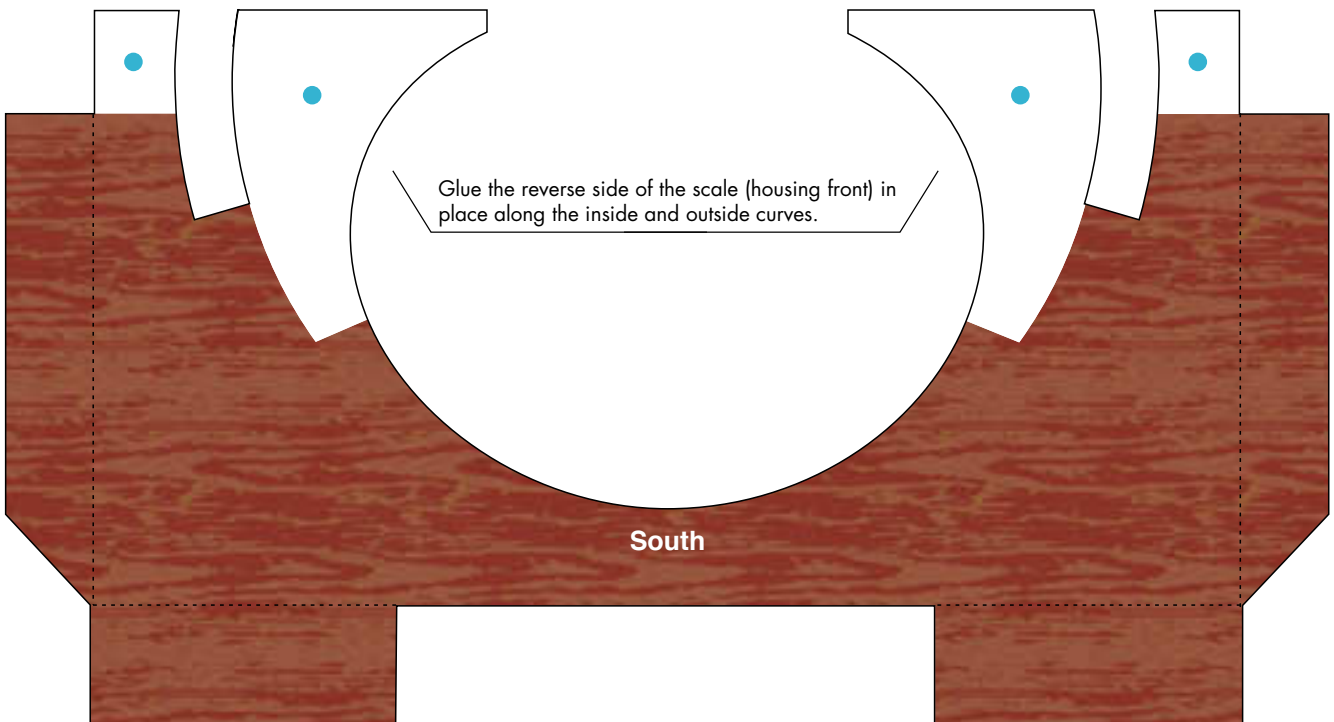
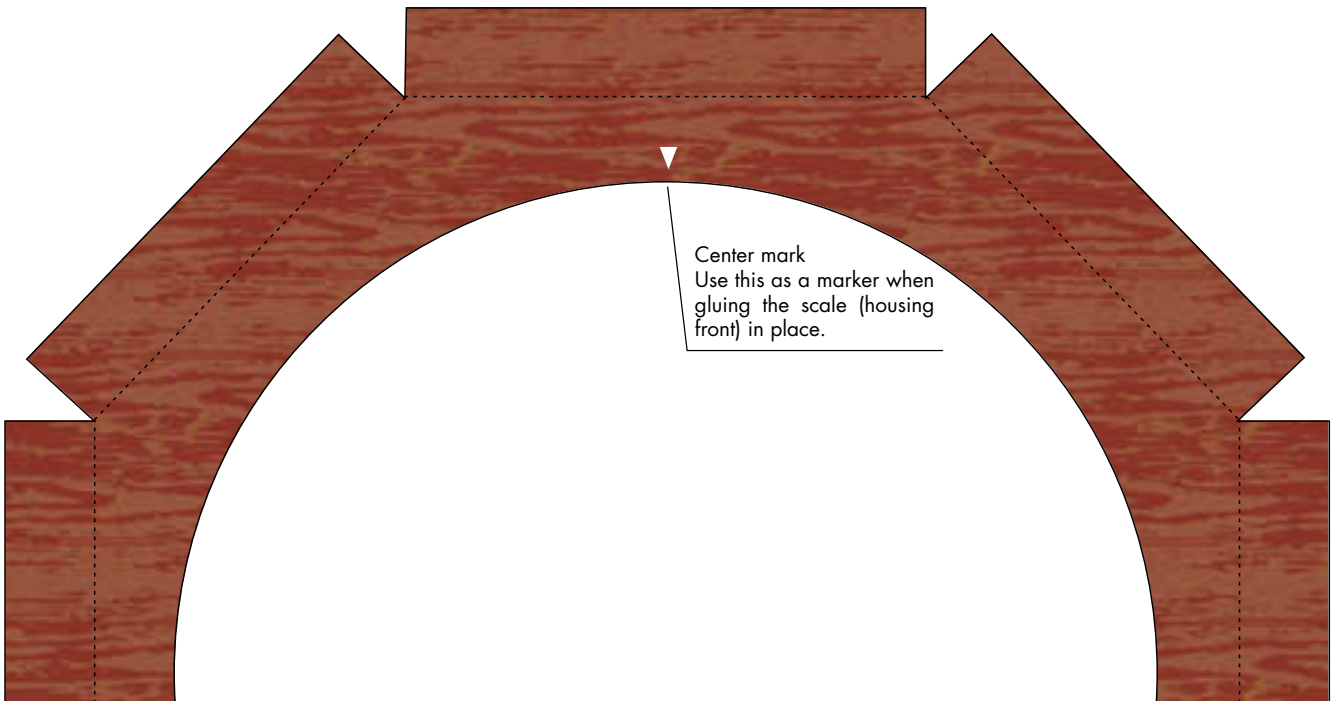
Planisphere wheel backing



Rotation axle riser



Front side of housing



Scale (housing front)

