

# Weems & Plath®

## CHARTKIT PLOTTER

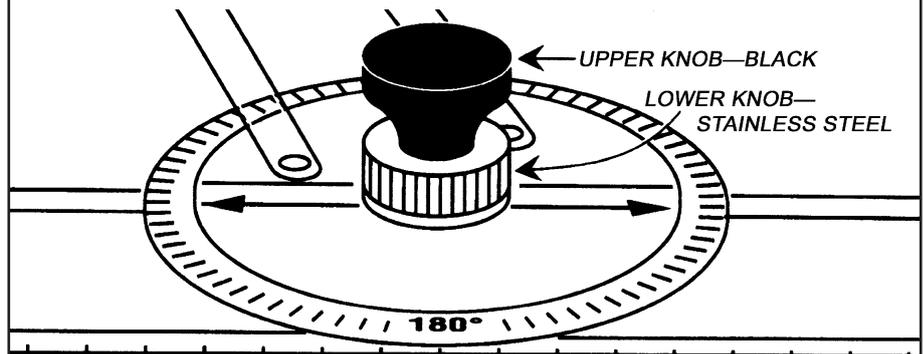
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### 1. Preparation

Remove the two metal clips from the Plotter. Open a Chartkit to the page you want, or fold the chart you are using so the desired area is shown. Lift the Plotter's protective see-through overlay and insert the Chartkit or chart from the bottom, resting the spiral binding or folded edge in either the left or right groove. You can now mark directly on the protective overlay (pens designed for marking on clear plastic are available from Weems & Plath®). If you prefer to mark directly on a chart, place the page above the overlay and clamp it in position with the two metal clips.

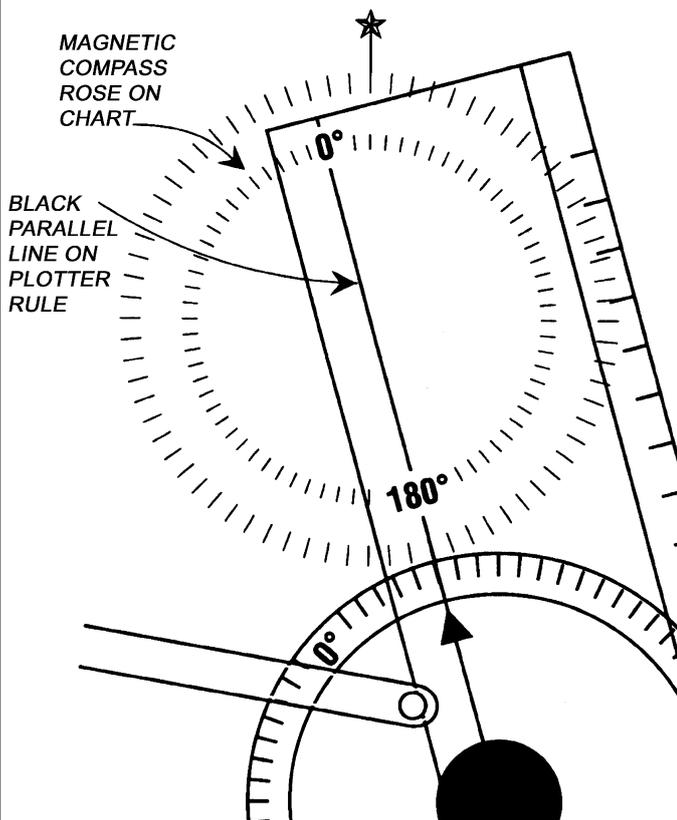
### 2. Adjustment

If necessary, turn the Plotter and Chartkit so that NORTH on the chart is at the top. Loosen both knobs -the lower stainless steel knob, and the upper black knob-on the Plotter's rule.



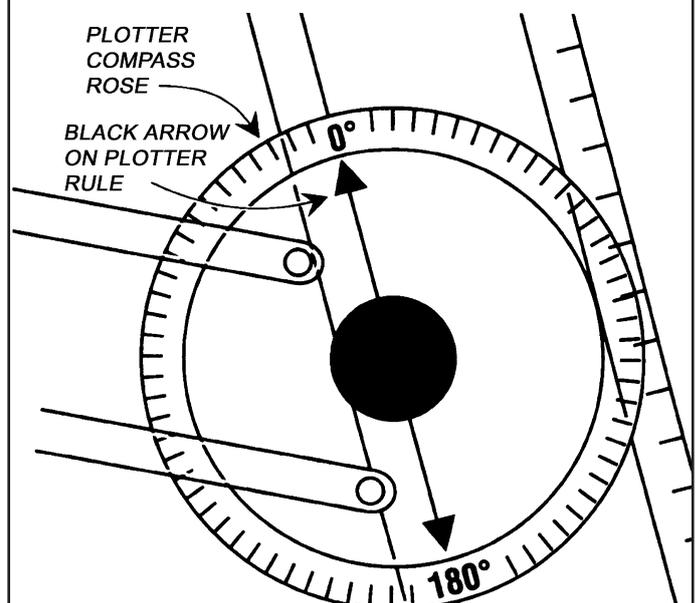
### 3. Rule Alignment

Position the Plotter's rule so that one of its black parallel lines intersects the 0° and 180° tick marks on the Chartkit MAGNETIC COMPASS ROSE.



### 4. Compass Rose Alignment

Rotate the PLOTTER COMPASS ROSE so that its 0° and 180° tick marks are aligned with the black arrows on the Plotter's rule. Tighten the lower (stainless steel) knob to lock in the variation for this chart. You do not have to make this adjustment again until a new Chartkit page is inserted. **The black arrows will now indicate your course along any parallel to the rule, no matter where you move it.** To lock in a particular course, tighten the upper (black) knob with the black arrow pointing to the desired course. **Draw a course line along the beveled edge of the rule.** When you want the rule to pivot freely, loosen the upper knob.



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*Solving piloting problems*

## To find the course between two points or aids

Set the rule so that one of its black parallel lines passes through both points or aids. Read the course and reciprocal as pointed out by the black arrows. Draw your course line and label it.

## To take a position fix from cross-bearings (see example below)

1. Loosen black knob. Rotate rule until black arrow points to bearing of first point or aid (A). Tighten black knob. Move rule so that its beveled edge is on (A). Draw a line along the rule.
2. Repeat step 1 for the second point or aid (B).
3. Mark your position at the intersection (C) of the two lines.

