Taking a Bearing to a Landmark

1) Compass level to ground and direction of travel arrow pointing toward target
2) Rotate dial to put “Red in shed”

3) Read magnetic bearing on dial under index line

4) Convert bearing to true by subtracting variation

Finding a Bearing on a Chart

1) Place compass on chart with compass edge forming line from origin to target

2) Rotate dial so that orienting arrow (shed) is aligned to longitude lines and pointing to N.

3) Read true bearing on dial under index line
4) Convert bearing to magnetic by adding variation

Following a Bearing

1) Rotate dial to put magnetic bearing under index line
2) Compass level to ground and direction of travel arrow pointing in direction you’re facing
3) Holding compass, rotate your body to put “Red in shed”
4) Move forward keeping “Red in shed”

Orienting a Chart with a Compass

1) Rotate dial so that variation is under index line.
2) Place compass on chart, direction of travel arrow aligned to longitude lines and pointing to N
3) Rotate chart until “Red is in shed”

Magnetic = True + Variation

True = Magnetic – Variation