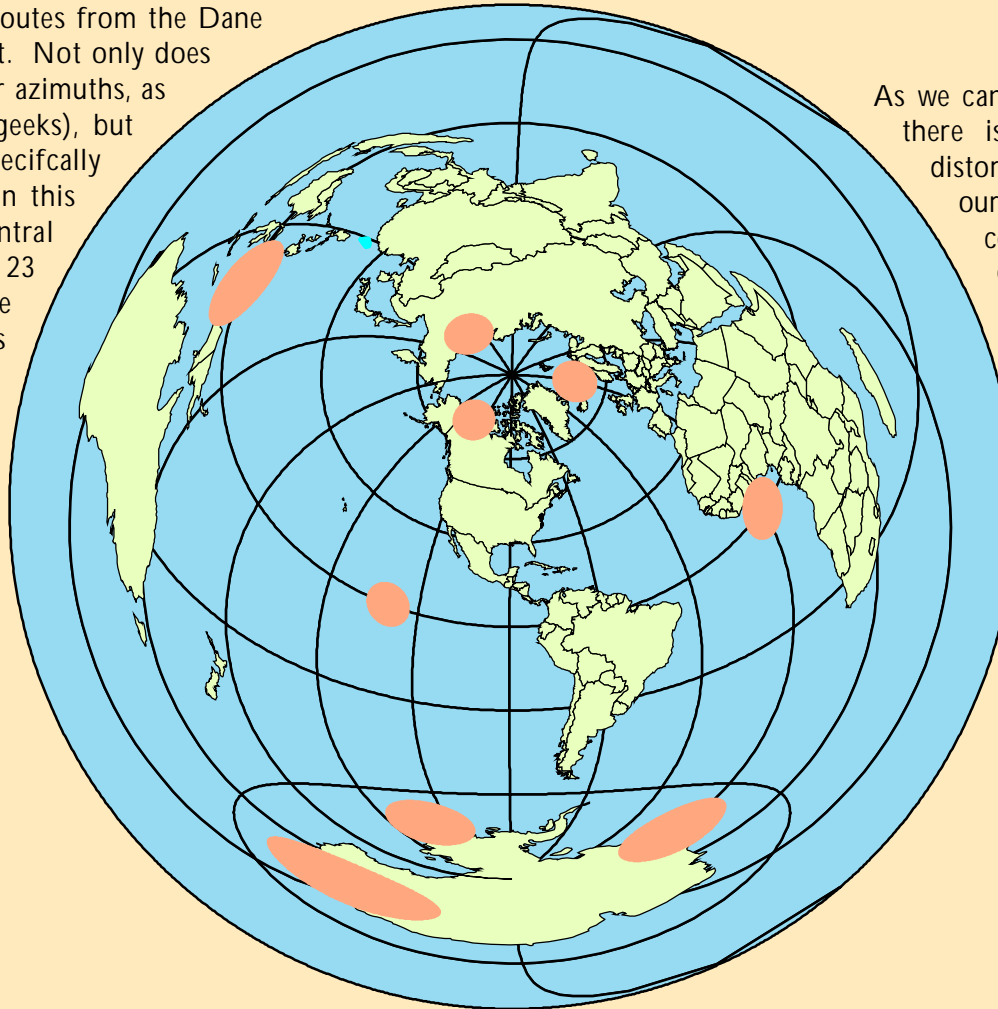


Dane County Regional Airport: How Do I Get the Hell Out of Wisconsin?

The Azimuthal Equidistant projection is a good choice for showing air routes from the Dane County Regional Airport. Not only does it preserve directions (or azimuths, as they're known to map geeks), but it does so from a specifically defined center point. In this case, we've set the central meridian at 89 degrees 23 minutes West and the longitude at 43 degrees 5 minutes North (the precise location of Madison's local airport). Thus there is a standard point at the airport and we can measure true distance from there to any other point on the map.



As we can see by Tissot's Indicatrix, there is both angular and areal distortion as we move away from our center point. The area centered around Dane County, however, is quite accurate in terms of distance and direction. You'll have no problem helping guide your pilot away from Wisconsin with this map.

1:300,000,000

Projection: Azimuthal Equidistant
Map by: Richard Donohue
lab section 303