

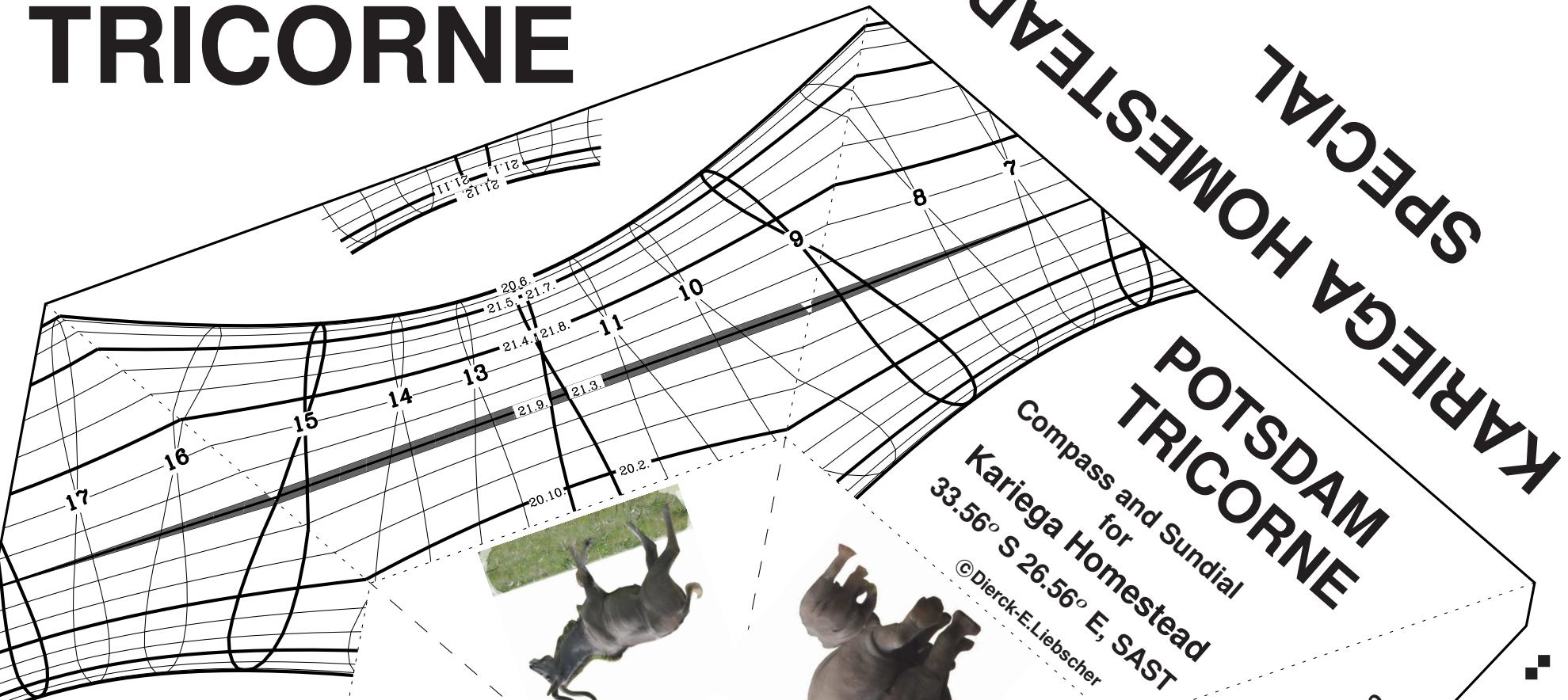
# POTSDAM

# TRICORNE

Cape Town 33.9 S, 18.4 E  
+32 min

P.E. 33.96 S, 25.60 E  
+4 min

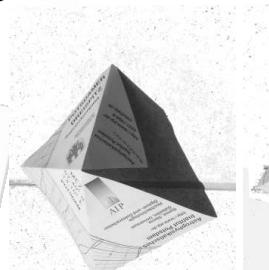
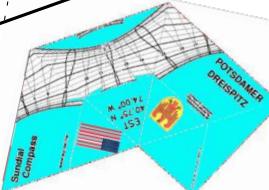
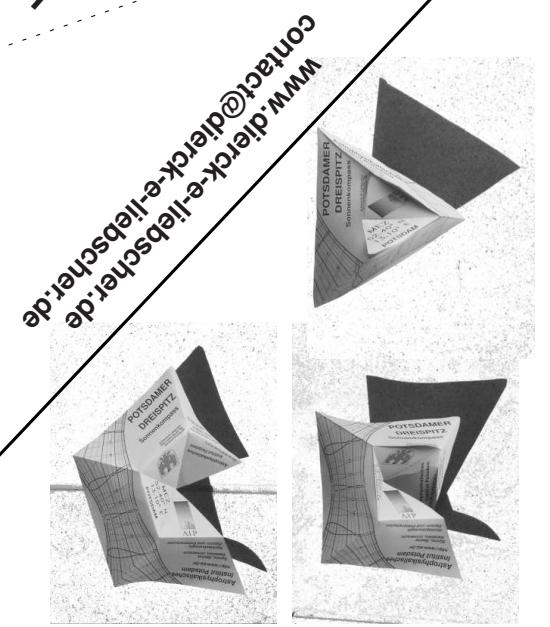
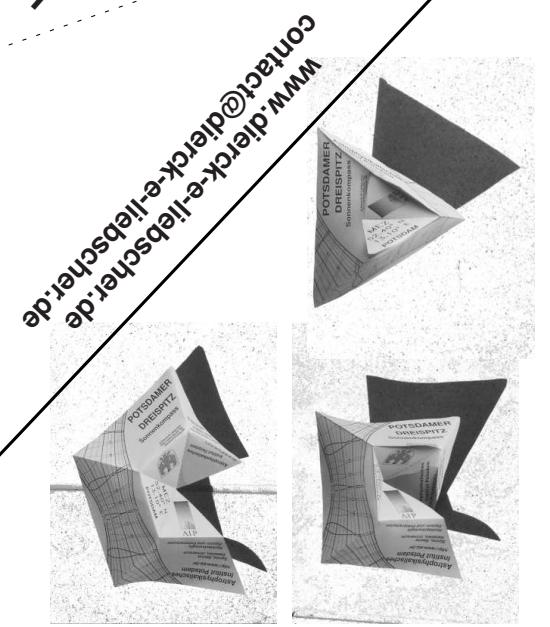
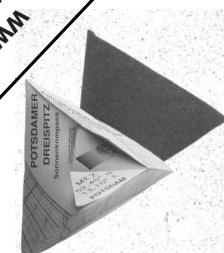
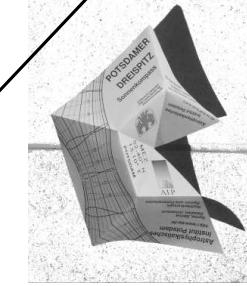
Qunu 31.78 S, 28.62 E  
-8 min



KARIEGA HOMESTEAD  
POTSDAM  
TRICORNE

Compass and Sundial  
for  
Kariega Homestead  
33.56° S 26.56° E, SAST  
©Dierck-E.Liebscher

SAST bei 33.56° S und 26.56° E



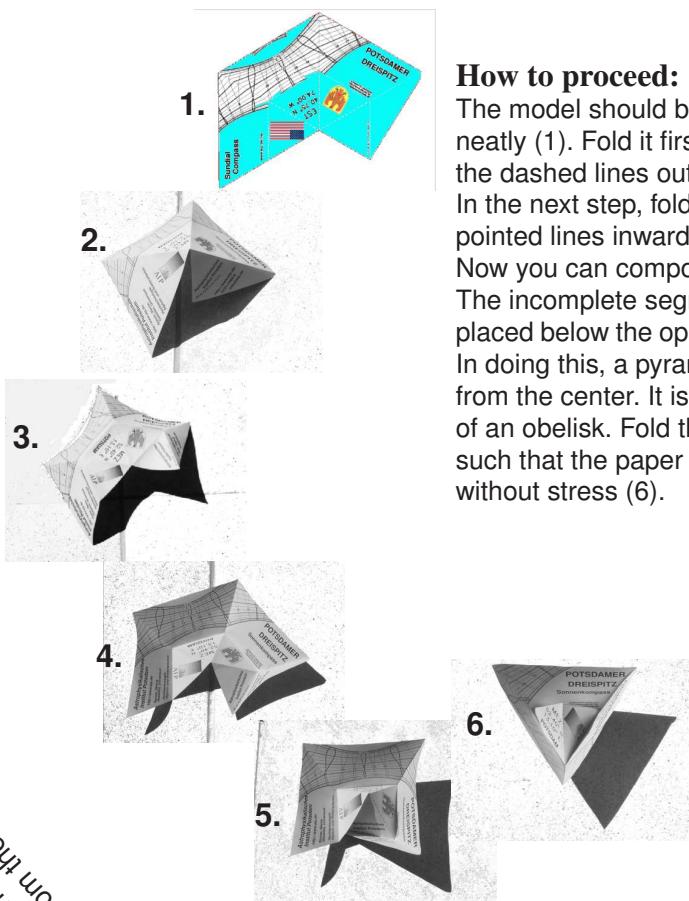


The variation of solar time against the legal time is already accounted for in the loop. The time that is read off the sundial has a fixed offset when the longitude differs from the indicated one. The difference in eastern longitude between the indicated one and that of the place of observation must be multiplied by 4 to yield the minutes that have to be added to the time shown by the Dreispitz.

The lines that cross the hat show the orbit of the shadow for the indicated date. On the hat show the orbit of the shadow for the direction by turning the indicated latitude, we find the shadow for the correct calendar date. In other places, one must find this direction by other line. In other places, one must find the marks on the calendar means. The time is read off the hour loops that correspond to the date.

The Dreispitz is sundial and compass in one. We can determine it works well despite of less compass sensitivity. It works well with a north compass well. This compass is very sensitive to places with a different latitude. When you know the difference between the indicated one, as indicated with a half a degree. If however, the north compass is less than 8 degrees from the indicated one, the clock works well.

The time and compass in one. The difference between the indicated one. The difference in eastern longitude has a fixed offset when the longitude is read off the place of observation must be multiplied by 4 to yield the minutes that have to be added to the time shown by the Dreispitz.



## To fold it flat:

