



SOL Balloon

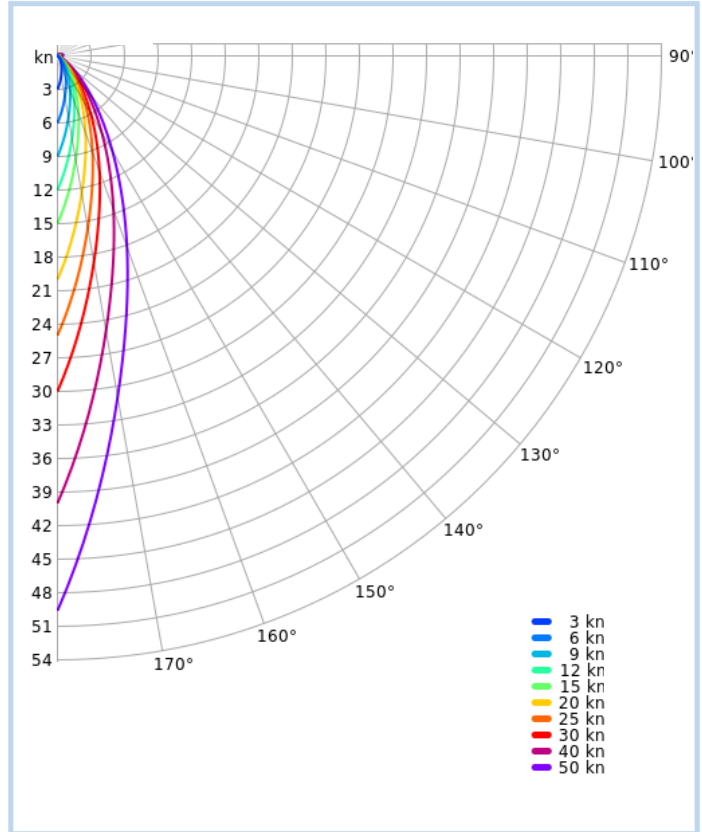
GENERAL ARRANGEMENT



ACTION PHOTO



POLAR DIAGRAM



SOL RACE RECORD

SOL first took to the air in 2011 when SOLer 76Trombones came up with a polar for a balloon, and a transatlantic race was duly organized.

According to 76T, his polar was based on the performance of the Montgolfiers' original design of 1783, shown above left. This may be so, but only loosely, as our SOL balloon will sail in downwind directions other than straight and 'naturally' won't float at all over land.

There are of course many types and designs of balloons, but generally they all tend to have the same polar, reflecting their ability to go with the wind, experiencing no drag. Adjacent and above you see two possibilities. Design your own; it won't go any faster.

Racelist