

Blimp Design, 2009- 2010 (rewritten in 2020 from different reports)

The Blimp airship nacelle had to be very light to fit under an inexpensive latex inflatable balloon that carries a maximum of 5 grams.
The idea was to fix 3 motors on a thin PCB and use IR for transmission. The IR sensor weight 0.2g while a radio receiver was 1.5g, and very expensive those days.
A carbon rod gave the blimp a shape allowing to glue the nacelle directly below the balloon.

