



## 10.2 Dangerous flying penalty

### Limitations

The following limitations will be checked at each flight.

The limits apply to a certain difference in vertical speed at a 3D-distance between balloons.

Limit 1 : more than 3m/s at less than 25m

Limit 2 : more than 5m/s at less than 50m

Limit 3 : more than 8m/s at less than 75m

**An additional limit will be applied to the absolute vertical speed of a pilot :**

**Limit 4 : more than 8m/s vertical ascent speed**

***Note: this limit must be violated for a consecutive 5s or more to be penalized***

### Scoring policy

The following penalties will be applied:

lower balloon				upper balloon			
Vertical speed (m/s)	Limit 1 Penalty	Limit 2 Penalty	Limit 3 Penalty	Vertical speed (m:s)	Limit 1 Penalty	Limit 2 Penalty	Limit 3 Penalty
				0 to -2			
$2 \leq v < 3$	50(WRN)			-2 to -3	100(WRN)		
$3 \leq v < 4$	100(WRN)	50(WRN)		-3 to -4	200	50(WRN)	
$4 \leq v < 5$	300	100(WRN)	50(WRN)	-4 to -5	400	100(WRN)	
$5 \leq v < 6$	500	300	100(WRN)	-5 to -6	600	200	100(WRN)
$6 \leq v < 7$	700	500	300	-6 to -7	800	400	200
$7 \leq v < 8$	900	700	500	-7 to -8	1000	600	400
8 and more	1000	900	700	-8 and more	1000	800	600

In case multiple limits are infringed, the highest penalty will be applied.

In case where both pilots were “playing” close to each other within 1-2 balloon heights for a while (up and downs), the penalty may be lowered by half or to a warning. Longer ascents/descents are more unpredictable, so penalties will be maintained as per table.

**Limit 4 will be penalized by 250 points per 1m/s, or part of, exceeding.**

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