



## THE HAZARD BEACON

### **Definition:** Aeronautical light indicating Hazards for the Civil Aviation

**EXTRACT FROM THE ANNEX OF THE ORDER RELATED TO THE CONCEPTION AND THE RUNNING OF THE AERODROMES**

**Aerodrome**

5.3.3.3 Any aerodrome destined to be used at night will be equipped with an aerodrome beacon if one where several of the following conditions meet:

- a) the aircrafts mainly fly at sight;
- b) the visibility is often reduced;
- c) Due to the surrounding lights or reliefs, the aerodrome is difficult to be spotted in flight .

5.3.3.4 The aerodrome light will be placed in the aerodrome or in its near neighborhood on a low backlight area.

5.3.3.5 The location of the beacon will be chosen in a way that the beacon is not hidden with objects in important directions, and does not blind the pilotes during the approach.

5.3.3.6 The aerodrome light will emit coloured twinkles alternating with white twinkles , or with white twinkles only. The frequence of the whole twinkles will be of 20 to 30 per minute. If requested, the coloured twinkles emitted by the lights will be green for the terrestrial aerodromes , and yellow for the hydro aérodromes. If it is a mixed aerodrome (terrestrial aerodrome and hydro aerodrome), the coloured twinkles will, if need be, of the colour corresponding to the aerodrome section chosen as principal installation.

5.3.3.7 The light of the beacon will be visible in any angles in azimut. Its apportionment on site will extend of an angle of more than 1° until an angle which the value, fixed by the competent authority, will be sufficient to ensure the guidance at the angle maximum site for which the beacon is destined to be used, and the efficient intensity of the twinkle will not be lower than 2000 Cd.

Medium Intensity Light Type A



Medium Intensity Light Type B



### IN SITUATION :



### PENNE MIRABEAU AIRPORT FRANCE

### Aviation certified beacons



### Feel free to contact us for your projects :



DELTA BOX – SERA  
 Rue de Bourgogne – 89250 CHEMILLY SUR YONNE – France  
 Tel : 00 33 3 86 40 92 10 – Fax : 00 33 3 86 40 92 15  
 Email : [contact@delta-box.com](mailto:contact@delta-box.com)

