



orga

The way ahead in

# Hospital helipad lighting solutions

CAP 1264 COMPLIANT HELIPAD SOLUTIONS



## HOSPITAL HELIPAD LIGHTING

# When safety matters most, you can trust in Orga.

With over 45 years of experience in the offshore industry, Orga delivers high quality and efficient solutions for marking assets and landing areas to ensure safe operations.

In 2016, the UK CAA (Civil Aviation Authorities) developed the CAP 1264, Standards for helicopter landing areas at hospitals. During 2019 Orga has supported the UK CAA in developing the latest upgrade of the CAP 1264. We have completed several Hospital Helipad Lighting trials with them to understand the challenges and assisted in determining the best lighting solution whilst ensuring the smooth transport of injured people.

That is why the latest upgrade incorporates a lit touchdown / positioning marking, TD/PM Circle, and lit green cross (chevron) markings that gives the pilot a better insight in landing positioning.



## HOSPITAL HELIPAD LIGHTING

# Safer helicopter traffic, with lit landing areas.

A familiar problem for helicopter pilots, that is also acknowledged in the offshore industry, is the “black-hole” effect. Pilots refer to this effect when they approach a bright city skyline which disorientates them from the landing area. The necessity is even bigger during emergency flights, as there is time pressure involved. The latest upgrade of the CAP 1264 eliminates the “black-hole” effect due to the illuminated circle and corner.

The illuminated Circle-H is already successfully implemented offshore within the CAP 437 (Standards for offshore helicopter landing areas). Therefore a similar version is now part of the latest CAP 1264, of course with adjustments especially made for hospital helipads. To take into account the condition of the patient there are, for example, 4 gaps in the lighting system aligned with the exit paths to allow smooth trolley access.

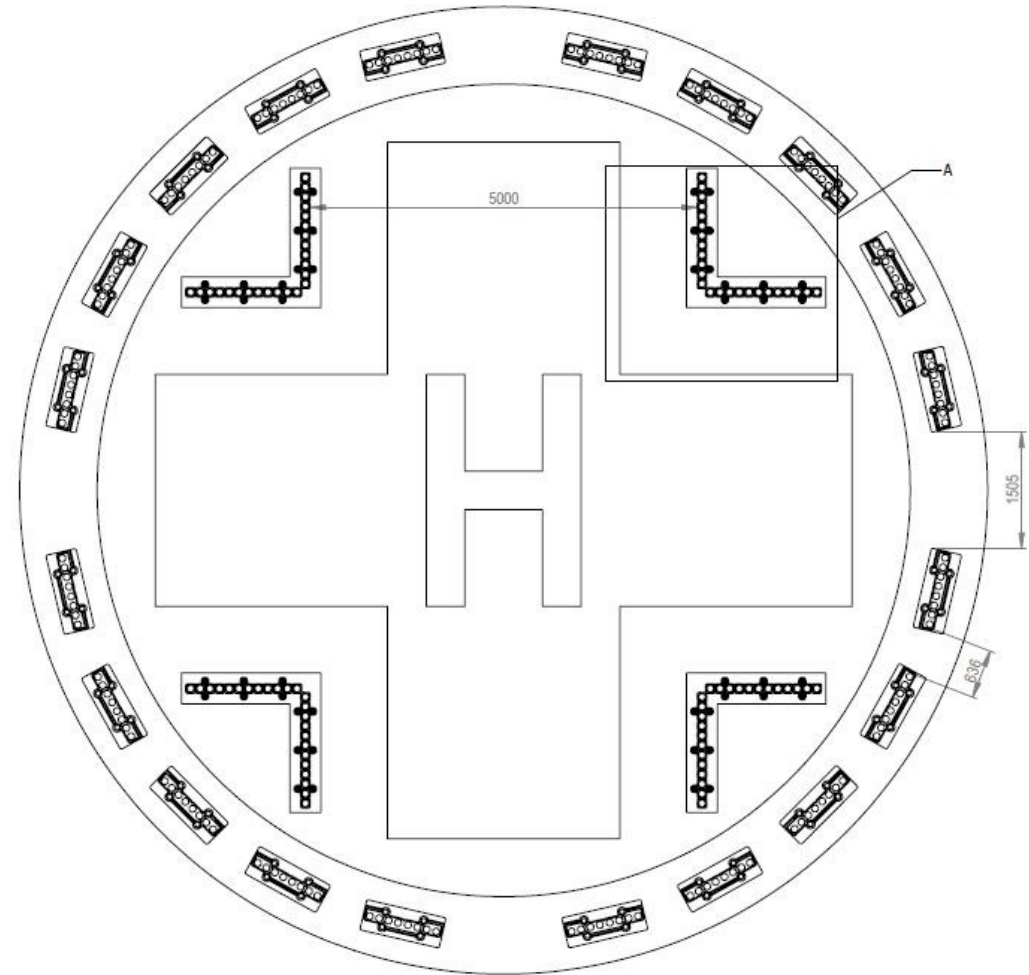


## HOSPITAL HELIPAD LIGHTING

# Renewed helipad lighting, created with the patient in mind.

The landing area on hospitals is usually painted and consist of a red H in a white cross outlined with a yellow circle. With the latest upgrade of the CAP 1264, landing areas become more visible for the helicopter pilots. This because of the lit touchdown / positioning marking and lit green cross (chevron) markings, a mandatory requirement for Tier 1 hospitals in the United Kingdom.

Circle requirements	Cross (chevron) requirements
touchdown / positioning marking (Circle), always has a 10.5m inner diameter	Four green cross (chevron) markings of 1.5m by 1.5m
Four 1.5m gaps, situated at 90° to each other allows smooth patient trolley access	Positioned 1m away from the painted white cross
Yellow, intensity and beam angle as defined in CAP 1264	Green, intensity and beam angle as defined in CAP 1264



# Why make business complicated when the solution is just one call away?

As pioneers of the illuminated Circle-H, Orga has a lot of experience in developing, providing and installing helideck lighting. A strong collaboration with the UK CAA means all our helideck solutions are fully compliant. Contact us and we are happy to assist you in making your helideck completely in line with the requested requirements.

## Over 45 years of experience in safety marking.

Since 1973, Orga has been delivering high quality and efficient marking solutions for offshore assets, to contribute to the safety of people, assets and the environment.

## For optimum marking of your onshore helideck, call us :

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DESIGN, PRODUCTION  
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REMOTE MONITORING OPTIONS  
AUTONOMOUS POWER SUPPLY



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LOW MAINTENANCE  
DELIVERS CONSIDERABLE  
OPERATIONAL SAVINGS





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