

*only this perfect flying machines
don't need our technologies to
take-off and landing
during cold season*





This as much evolved machine needs AHT technologies to landing and take-off surely, to help peoples for jobs, rescue and fast transfer.

AHT, Avdanced Heating Technologies, propose the newest solution to keep fully operative helipads everywere in any weather bad conditions, like snow and ice. Amorphous Metal Ribbon is the unique electric platform affordable, efficient and eco-friendly.





Where Heli-term is fundamental?

Thanks AHT technologies, the helicopter are 24h, 7/7, available everywhere, to guarantee rescue and security!



Urban helipad for services and rescue as shareable helicopter pad for the communities, inclusive of access for ambulances..





Fixed installation under cement, asphalt, natural or artificial turf



The technology is “invisible”, the automatically management system start only when the environmental condition need the system activation, also possible by remote activation from the helicopter. The taxiways and parkings areas are included in the heated platform .



The mobile and modular Helipad can be embedded into special platforms, easy to install, remove and to transport





Special application for extremely condition of usage, like marine off-shore platforms, where the ice preventions is a must.



Heavy helicopter, for military, navy or transport, need special structure



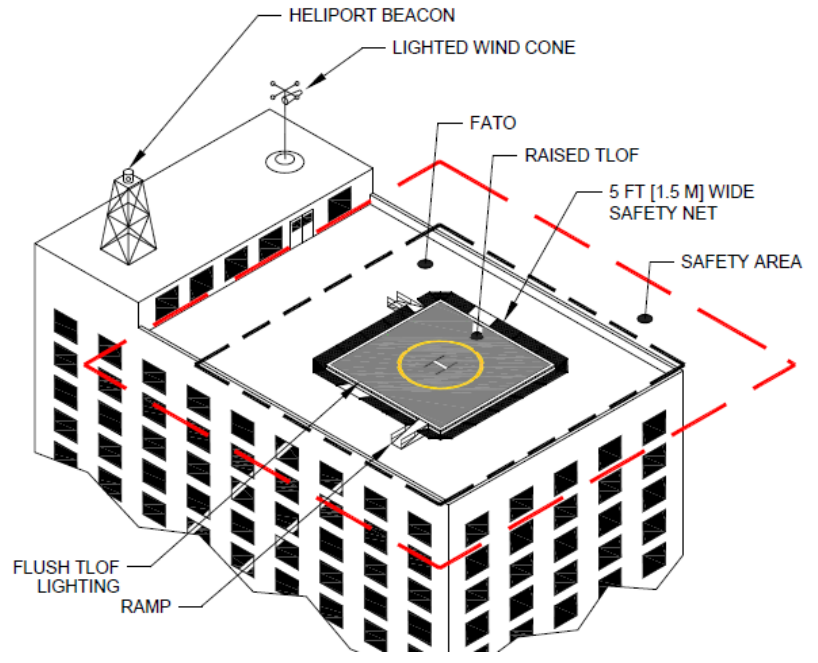
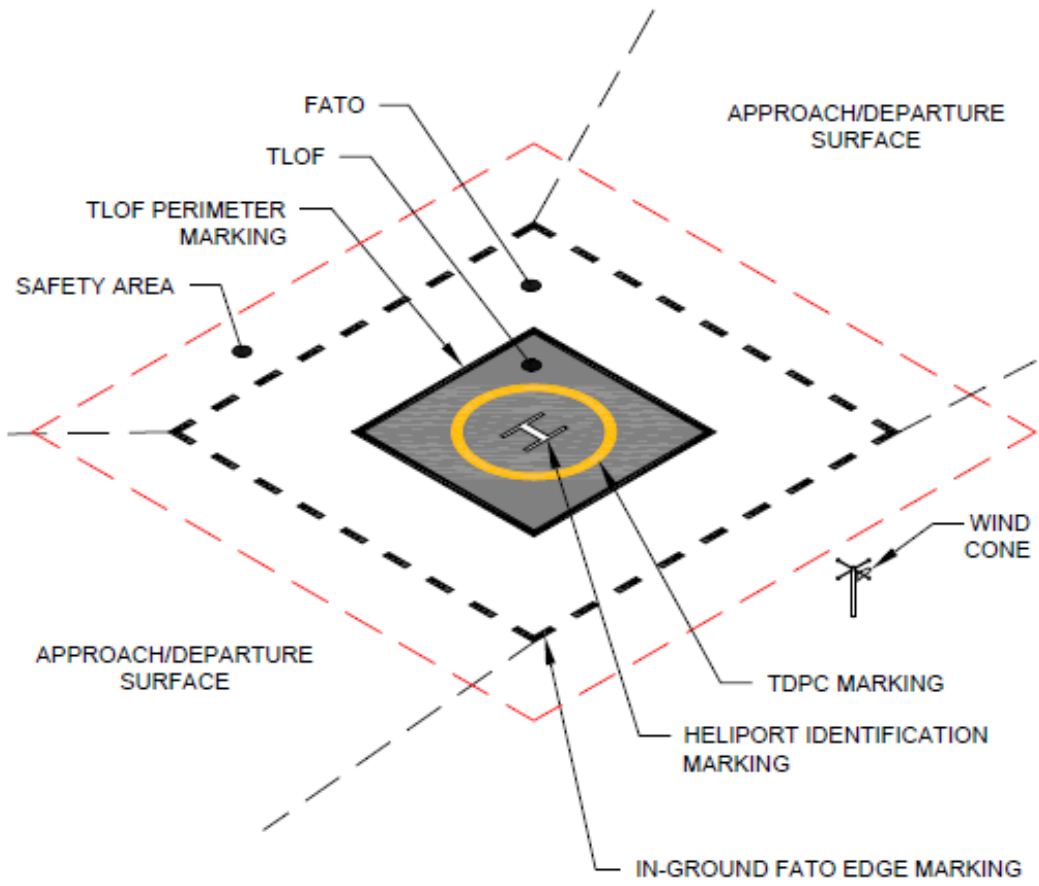


Heating pad is perfect to adapt to any kind of building, new or refitted





Special application of Heating Helipad



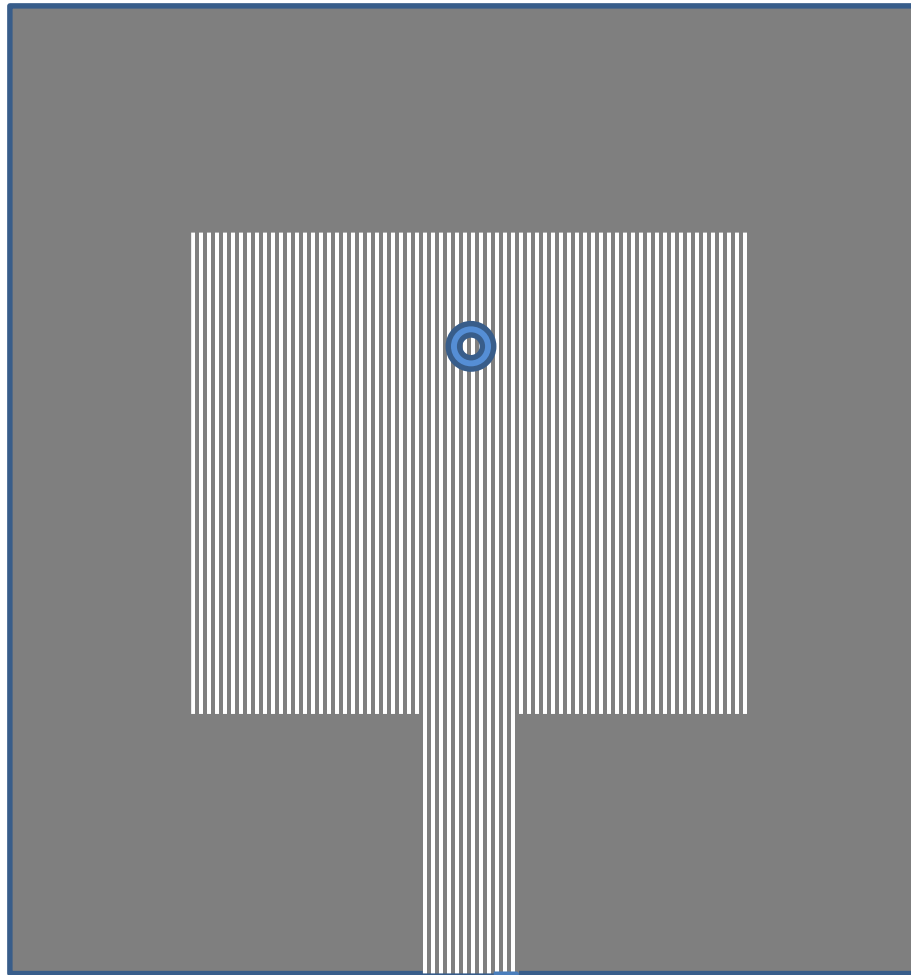
The area interested to Heating Helipad is included in TLOF, touchdown and liftoff area, minimum 15 x 15 meters. Taxiways , passenger walkway, stairs and part of FATO are armed when request.


Ten actual standard tips on how to keep helipad in SAFE shape in cold season:

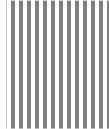
1. Use only UREA or a chemical product that claims no corrosive properties or hazards to the environment, such as the ice-melting agents Sodium Acetate or Potassium Acetate.
2. DO NOT USE ROCK SALT. Rock salt is corrosive to the aircraft.
3. Do not use sand as an anti-skid agent. It will not stay in place, and creates a projectile hazard during rotor wash.
4. Helipad warning/safety signs should be cleared of snow and remain visible.
5. Do not bury perimeter lighting in snow piles.
6. Do not pile snow in front of gates or routes of ingress/regress from the helipad.
7. Snow piles immediately adjacent to the helipad greater than 2 ft high could cause damage to the helicopter tail rotor.
8. Position snow piles so that melting snow and ice will drain from the helipad and not refreeze, creating a fall/slip hazard.
9. Helicopters develop rotor wash that typically exceeds 75-100 mph. Dangers include serious wind chill and projectiles created by any loose snow or ice.
10. Whiteout conditions can occur during takeoff and landings. These can affect pedestrian and motor vehicle traffic.


Thanks AHT Helipad deicing, no human operation are needed to keep usable any kind of helicopter pad, no chemical products and longlife of cement and asphalt layers.


Heli-term into fix installation

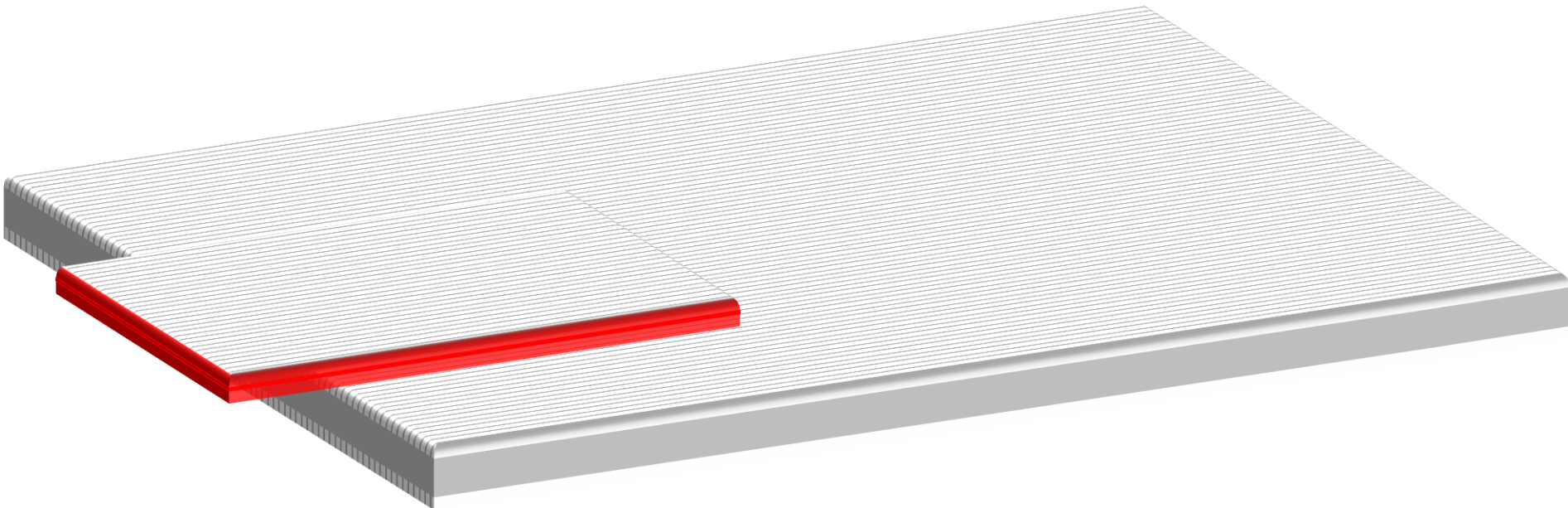


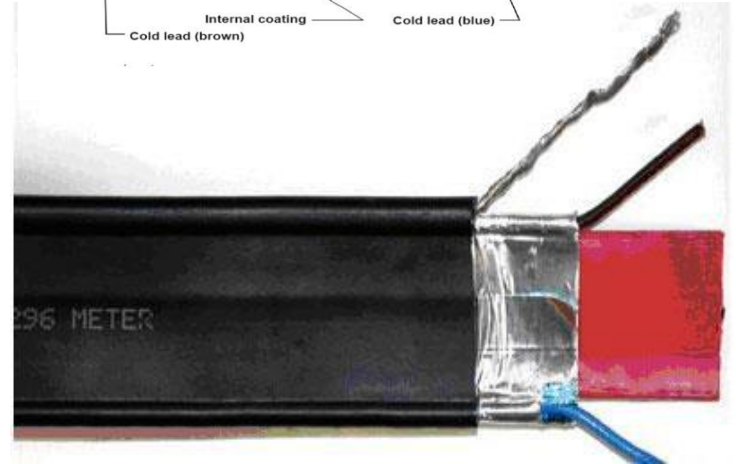
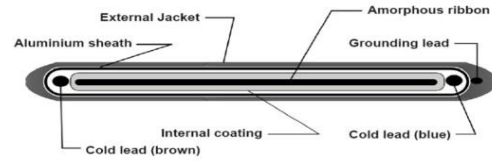
 FATO area, cement, asphalt or turf, new or existent

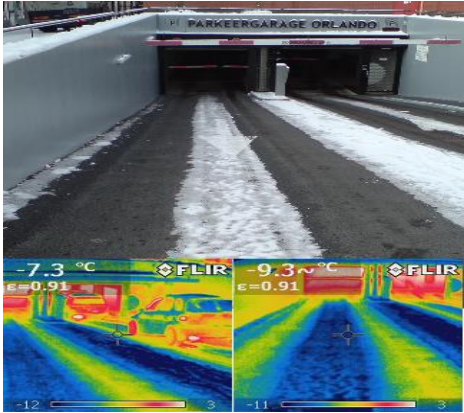
 TLOF area heated by AHT Heli Term, to be cover with same material of FATO or other

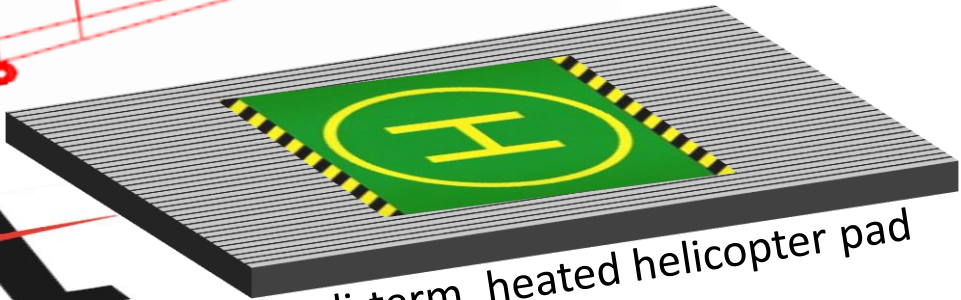
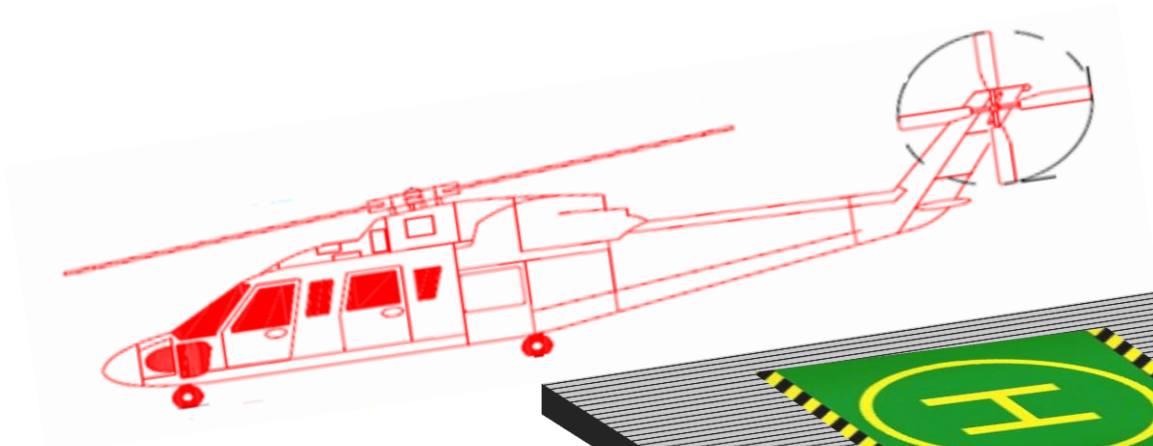
 Sensor of air and ground temperature and moisture, web connected and remotely controlled.

 Control and power unit, Connected to UPS.









Heli-term, heated helicopter pad



AHT aerospace application



Infra-Red Outdoor Radiant Heating

Advantages

- *Modular system*
- *Mats are easy to handle*
- *Mats are easy to store*
- *Size of heated area is variable*
- *Plug-and-play system*
- *Operated on 230 V*
- *Quick response time*
- *Robust and reliable system*
- *Quaranteed icefree*
- *Energy efficient*

Advanced Heating Technologies

AHT Netherlands BV

Energy Efficient Heating