



**AirSea**  
TECHNOLOGY

## Visual Landing Aids



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## Visual Landing Aids for Helicopter Safety

To ensure the highest level of safety during helicopter landings, especially in challenging environments, visual landing aids play a crucial role in guiding pilots accurately and securely. These aids help improve visibility, orientation, and decision-making during approach and touchdown.

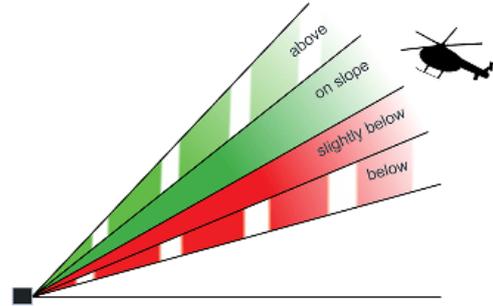
Common visual landing equipment includes:

- **Beacon Lights:** Often configured to transmit a Morse-coded "H", these beacons clearly mark the designated landing area.
- **Approach Lighting Systems:** These lights guide pilots during final approach, enhancing visibility in low-light or adverse weather conditions.
- **Windsocks:** Strategically placed to indicate wind direction and strength, allowing pilots to adjust their approach accordingly.
- **CHAPI or A-PAPI Systems:** In special cases, these precision approach path indicators provide visual glide slope guidance, helping pilots maintain the correct descent angle.

By integrating these visual aids, helicopter landing zones become safer and more efficient, supporting both routine operations and emergency landings.



CHAPI



CHAPI light distribution



API light - White Full Flush



A-PAPI



WDI  
Wind Direction Indicator



BEACON  
Morse H