

HELI KIT

DEPLOYABLE SOLAR HELIPAD LIGHTING SOLUTION

CARMANAH TECHNOLOGIES IN PARTNERSHIP WITH ADB AIRFIELD SOLUTIONS INTRODUCES THE SOLAR-POWERED HELIPAD KIT; THE FIRST COMPREHENSIVE AND CONFIGURABLE, STAND-ALONE WIRELESS HELIPAD LIGHT AND VISUAL NAVIGATIONAL AID SYSTEM.

Easy deployment, installation and relocation: Solar powered components install rapidly; eliminating the need for trenching, cabling or accessing external power.

Versatile: Users include commercial heliports, armed forces, emergency medical services, fire departments, hospitals and coast guards. Applications include MEDEVAC, humanitarian response, search and rescue, military resupply, troop insertion and extraction, forward arming and refuel points (FARPs).

Stand-Along and Self-Contained: Helipad kit components are extremely durable, rugged, and vandal and theft resistant.

Wireless control and Infrared mode: The Helipad kit can be remotely activated within a 4 km (2.5 mile) range. The handheld controller (HHC) features password protection to ensure secure control of the system, direct linkage between controller and system using UCS data, ability to switch between visible and infrared modes, modify intensity levels, and turn lights on and off.

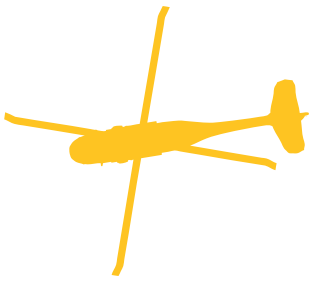
Unprecedented Reliability: Microprocessor Energy Management System (EMS) monitors and adapts to environmental conditions for consistent operation and up to five years life span under the toughest conditions.

Complete solution: The Carmanah/ADB Helipad Kit consists of everything needed to improve the safety and visibility of virtually any size of ground, rooftop, offshore or remote helipad, including: wirelessly controlled solar-powered perimeter lights, approach lights, ID and obstruction beacons, flood lights, windcone, directional signs, wireless handheld controllers and all of the mounting and deploying hardware required therein. In addition, helipad operation training, system maintenance training, and system install training can be provided if required.



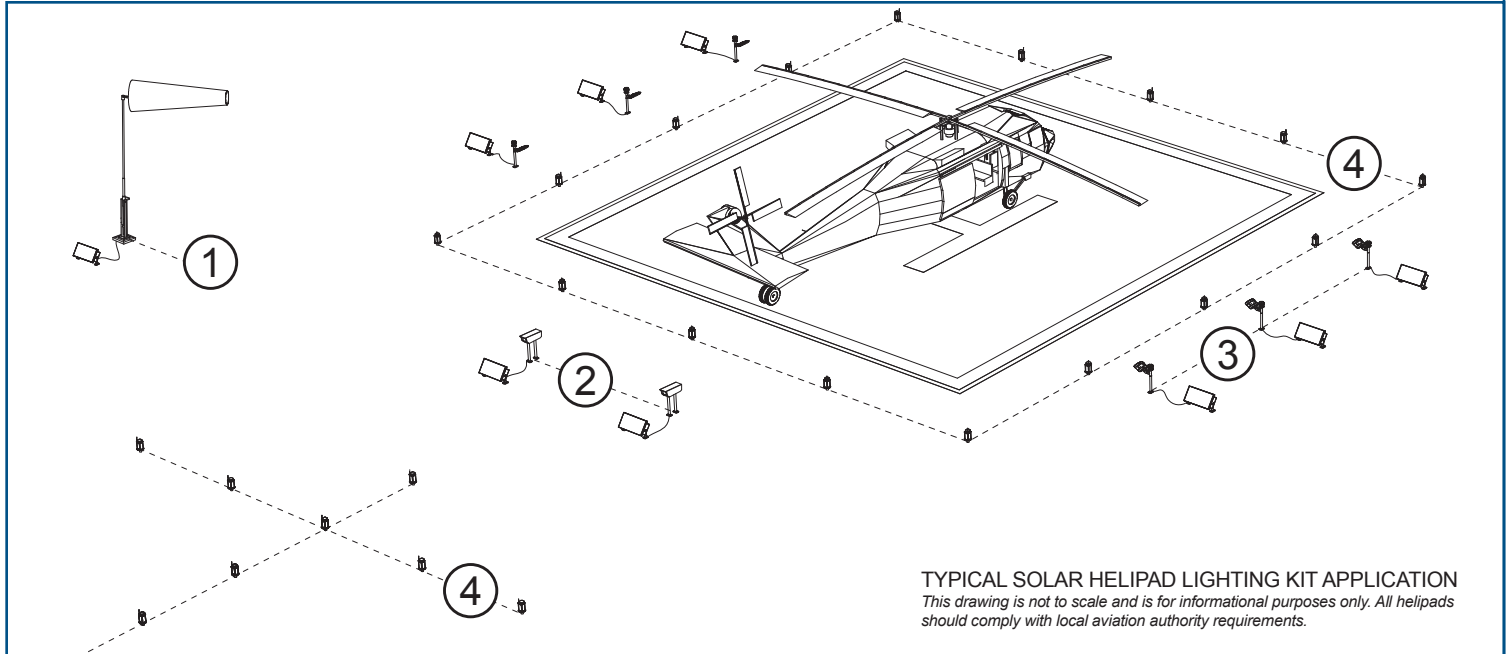
Carmanah is backed by a worldwide network of distributors. To find yours visit www.carmanah.com or call +1.250.380.0052 (toll-free US & Canada 1.877.722.8877)

REPRESENTED IN YOUR REGION BY:



HELI KIT

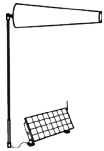
DEPLOYABLE SOLAR HELIPAD LIGHTING SOLUTION



TYPICAL SOLAR HELIPAD LIGHTING KIT APPLICATION
 This drawing is not to scale and is for informational purposes only. All helipads should comply with local aviation authority requirements.

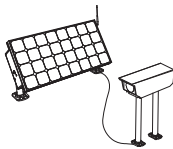
SOLAR HELIPAD LIGHTING KIT DESCRIPTION

1. SOLAR WIND CONE SYSTEM



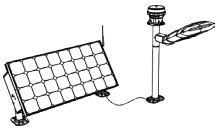
The Solar Wind Cone System (SWCS) consists of a solar-powered wind cone (SWC) and a Solar Engine Power Supply (SEPS). The SWC provides visual surface wind direction and velocity information. SEPS can be controlled using the Wireless Hand-Held Controller.

2. APPROACH PATH INDICATOR



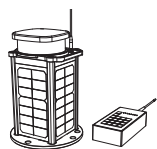
The Approach Path Indicator (API) system provides precise visual information enabling the approach procedure to be performed with the utmost accuracy and safety.

3. SOLAR AREA FLOODLIGHT



The Solar Area Floodlight consists of an LED area floodlight, a Solar Engine Power Supply (SEPS) and an optional A650 obstruction light. The floodlight illuminates landing zones and relocates easily for optimal placement. SEPS can be controlled using the Wireless Hand-Held Controller.

4. SOLAR PERIMETER / APPROACH LIGHT



The A704-5 can be configured for perimeter and approach lighting. Featuring a built-in handle, the A704-5 can be quickly relocated for temporary or emergency applications. Multiple mounting options available. The A704-5 can be wirelessly controlled using the Wireless Hand-Held Controller.

For a complete list of aviation light accessories, including mounting equipment, please visit carmanah.com & adb-airfield.com

The Helipad Kit features ADB wireless solar engine power systems, visual navigation aids and Carmanah wireless solar-powered airfield lighting technology. Wireless, completely off-grid, and customizable, the Helipad Kit is the ideal total helipad safety improvement system for locations where grid power is difficult, costly or time-intensive to access.

The Helipad Kit is available as a complete set of lighting and navigation aid products or customizable to a helipad's unique mission requirements.

The Carmanah/ADB team will work with customers to ensure all helipad requirements are fully met. Please contact the Carmanah/ADB team if you have additional helipad requirements beyond those described in this publication. Helipad matting, trailers, perimeter security fence lighting, directional signs, heliport taxiway lights, deployable control towers, weather observation systems, tower control and monitoring devices, and other custom solutions may be added.



carmanah[®]
 we put solar to work

ADB
 Airfield Solutions