



FEC Heliports Equipment



New FEC Heliports HEMS Station® *Solar Plus* Helipad Lighting System
Scottish Ambulance Service - Air Ambulance (SASAA), Glenforsa, UK



Application:

HEMS Station® *Solar Plus* installed for use by SASAA and Search & Rescue Operations in the surrounding area, as a designated secondary landing site, for day and night operations

Location:

Glenforsa, Isle of Mull, Scotland, UK

Benefits:

- Supports Extended Operating Hours
- Improved Regional Coverage in Low-Visibility/Night Ops
- Reliable Lighting Solution with Remote SMS System Monitoring
- Low Maintenance and Support Required
- Faster Response Times to Nearest Trauma Unit
- Ultimately, Supports Extended Patient Care

"The Scottish Ambulance Service uses Glenforsa Airfield on Mull as a landing site for its helicopters 24hrs a day and undertakes in the region of 60 transfers per year from there. To use the airfield at night requires the deployment of portable lighting and until recently this was provided by a set of LED lights which were stored at the local hospital and required to be taken to the airfield by the local Coastguard team, each time a helicopter transfer was undertaken. This involved a round trip of almost 20 miles. In February 2018 in order to improve our responsiveness and resilience FEC Heliports installed a HEMS Station at the airfield. The features of the HEMS Station allow us to ensure that the HEMS Star lights are continually charged using solar power. The status of the lights can be checked by SMS texts, whenever required, and hence are always ready to be deployed when required. In the 6 months of operations, at Glenforsa, we have had no issues with the installation and have received excellent customer service and support from FEC."

*Rob Dalziel, SRP
Regional Air Ambulance Manager
Scottish Ambulance Service*



FEC Heliports has been working closely with the Scottish Ambulance Service – Air Ambulance (SASAA) division for a number of years now. A continuous requirement has been the need to create on demand, economical, community assisted, and night operational HEMS landing sites. Adding to this challenge has been the need to deploy solutions across a country with long periods of little daylight and demanding terrain. The first edition FEC HeliLights quickly proved their usefulness in low visibility/night, critical care situations, in some of the remote, difficult to reach by land locations like, for example, Scourie and Aaron. A program of strategic, temporary landing sites, available for use during periods of low visibility/night ops was, therefore, soon devised by the SASAA, to ensure that these harder to get to locations across the country received critical care, when required.

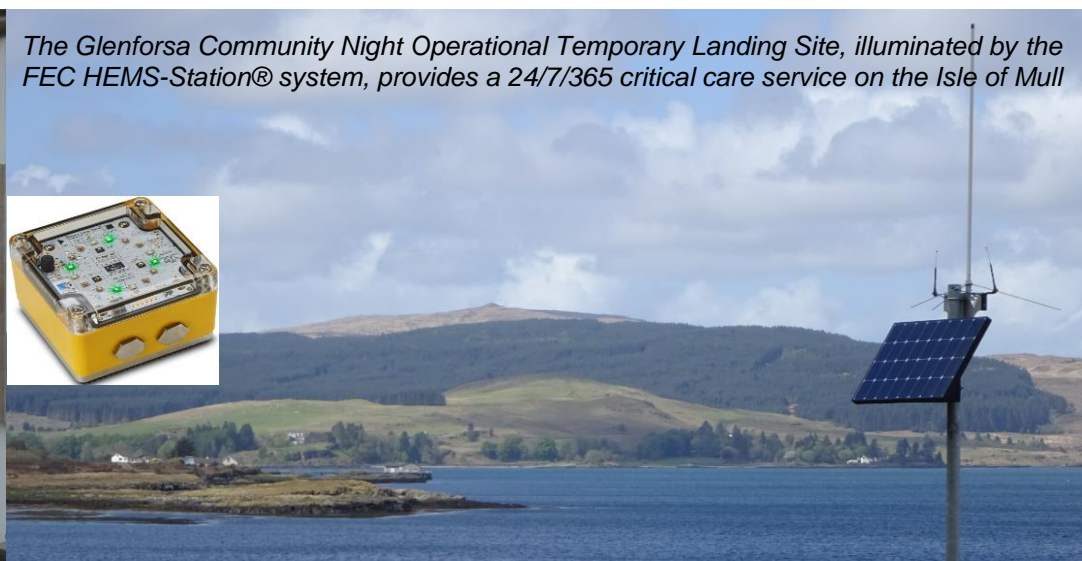
Again, with **the assistance of funds entirely raised by the HELP Appeal, through charitable exploits and donations**; SASAA now has an additional 18 night operational landing sites across Scotland, using either the latest FEC HEMS-Star® Portable lighting systems or their HeliLight predecessors, which are without doubt massively helping these communities to get to specialist care centres a lot quicker, when serious health issues occur.

With the benefits realised by the Midlands Air Ambulance Charity (MAAC), through the strategic installation of the HEMS-Station® Solar Plus systems across their administered region; SASAA identified the Isle of Mull as the perfect candidate for this type of system configuration and ease of autonomous operation too. Following engagement by the local community and paramedics, identification of a suitable site to locate the HEMS-Station® and an extremely generous provision of land from Brendan & Allison Walsh, at the Glenforsa Hotel, it was soon in place and ready for action. In fact, within its first week, the HEMS-Station® provided support to the SASAA, during night hours, to evacuate a seriously ill patient across to the nearest trauma unit on the mainland.

FEC HEMS-Station® Solar Plus can be installed and operationally ready within 3 days. It provides a re-locatable, semi-permanent heliport lighting solution that can be implemented almost anywhere in the world, due to its solar power mains autonomy. The HEMS-Station® Solar Plus houses 10 HEMS-Star® portable lights in an IP65 rated secure cabinet, has VHF, UHF & SMS connectivity, comes with portable LED internally illuminated WDI, resulting in an economical yet fully compliant low visibility/night operational helipad solution.



The Glenforsa Community Night Operational Temporary Landing Site, illuminated by the FEC HEMS-Station® system, provides a 24/7/365 critical care service on the Isle of Mull



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