



# POLISH MEDICAL AIR RESCUE

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## HEADQUARTERS

Księżycowa 5, 01-934 Warsaw, Poland  
phone (+48) 22 22-99-931/932, fax (+48) 22 22-99-933

LPR. DON. 01.160.1. 2017

Warsaw, 27 of March 2017,

### To whom it may concern,

On behalf of the Polish Medical Air Rescue I would like to confirm, that the S4GA company delivered Hybrid Helipad Navigation Lighting for the seasonal HEMS base located in Zegrze Pomorskie (Poland).

The Helicopter Emergency Medical Service (HEMS) manages 21 permanent and 1 seasonal base. The modern HEMS fleet consists of 27 Eurocopters EC135 and 2 Piaggio P180 Avanti turboprop planes.

The seasonal base in Zegrze Pomorskie operates from June till September. Due to the lack of navigation lighting, in the past years it functioned to a very limited extent, because helicopter could not land after sunset. In order to enable after sunset operations, the HEMS management has decided to install FATO and TLOF lighting along with the illuminated wind direction indicator.

S4GA has demonstrated the hybrid lighting system at the HEMS base in Kielce, allowing the HEMS pilots to check the visual range of the lighting units and activate the lighting system using the onboard helicopter radio. The S4GA system was positively rated by the HEMS management and pilots themselves.

As a result of public tender for the supply and installation of the helipad lighting system for the seasonal HEMS base in Zegrze Pomorskie, the S4GA company was selected as supplier, which, in cooperation with Skylar, supplied and assembled a hybrid (solar-powered and radio-controlled) FATO lighting system. As part of this tender, Skylar has installed inset TLOF lighting units, powered by an existing cable system. S4GA has also provided a UR-201 control unit that allowed for integration of both hybrid (FATO) and cable (TLOF) systems.

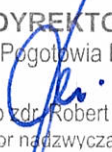
Why has the HEMS chosen S4GA hybrid system? Due to the fact that seasonal base operates only few months per year, it was important for us to have semi-stationary lighting, which can be quickly and easily dismantled and stored for the time when base is not functioning. The hybrid system provided us with such possibility. At the very beginning we were considering both cable and hybrid systems.

Installation cost for a hybrid system turned out to be significantly lower than the conventional (cabled) lighting system. That fact convinced us to choose the hybrid option.

The S4GA hybrid system has been successfully installed. The necessary measurements and helicopter reference flight have been performed, as well as the process of entry to the Registry of Aviation Ground Equipment maintained by the President of the Polish Civil Aviation Authority is in progress.

We can recommend S4GA as a reliable supplier of airfield and helipad lighting systems.

Yours faithfully,

  
**DYREKTOR**  
Lotniczego Pogotowia Ratunkowego  
dr hab. n. o. zdr. Robert Gałkowski  
profesor nadzwyczajny UPH