



Inspired by wind –
Powered by people

Aviation Aid Systems



Aviation Aid Systems Made by REETEC

For more than 20 years we have been developing and producing Aviation Aid Systems especially for wind turbines. With the latest generation as well, we offer our customers the quality and expertise we are known for – regardless of whether it is day or night marking, visibility control, tower marking, synchronisation or on-demand lighting.

Optimised Aviation Obstruction Marker System for onshore and offshore wind turbines according to latest certification standards

In June 2018 – after intensive development work, followed by prototype construction in our own production facility and successful certification of the optical properties – we launched a universally applicable Aviation Aid System on the market.

The most important new features :

- _ Significant cost reduction in production through consistent simplification of design and components, e.g. reduction of the number of LED levels
- _ Newly designed, robust „plug'n'play“ GPS solution with integrated twilight switch
- _ Compatibility with all common radar systems for on-demand night-time marking (German: BNK)
- _ Modular control system – therefore directly retrofittable, e.g. with “BNK” module
- _ Highly flexible system that can be easily adapted to local requirements via network / web interface
- _ Individually configurable, therefore ideally suited for retrofit measures





Thoroughly tested and approved

Our Aviation Obstruction Marker System has undergone extensive tests under realistic environmental conditions: tests in climate and pressure chambers, salt water spray tests as well as acceleration and shock tests that go beyond typical environmental conditions and manufacturer requirements. The optical and functional properties have been tested by an accredited laboratory and successfully certified according to the latest **ICAO and AVV (Germany) guidelines**.

- _ Tried-and-tested elements that we have retained:
- _ Low maintenance
- _ Robust and durable
- _ No control electronics in the luminaire
- _ Twilight mode





reetec
EDF renewables

Good to know:

Our integrated quality and environmental management system is certified according to ISO 9001 : 2015 and ISO 14001 : 2015; our occupational health and safety management system according to BS OHSAS 18001 : 2007.

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