

CASE STUDY GERMAN AIR FORCES

PROJECT KEY FACTS

Location: Germany

Application: Military Air Bases / Unpaved Runways

Solution: Military Airfield Lighting Trailer

Products: Portable Runway Edge Lights, Portable Runway Threshold End Lights, Portable Taxiway Lights, Portable Full PAPI System, Power Banks, Diesel Generators, UR-201 Control & Monitoring Unit, ALCMS Basic, UR-101 Handheld Controller, Trailer

Buyer: NATO Member State

Year of Delivery: 2020



OVERVIEW

The German Air Force is the branch of the Bundeswehr - the armed forces of Germany. It's the third largest air force in European Union. All acquisitions & procurements for Bundeswehr are regulated by NATO standards.

In recent years Chief Command invested in upgrade of military equipment for German Air Forces. One of the procurements was a portable emergency airfield lighting system to support night operations.

CHALLENGE

German army is one of the most demanding military customers in the World. The highest quality and compliance with aviation and military standards is a must for every supplier who wants to deal with German military.

Portable airfield lighting products that German Army was using by that time, did not meet their expectations in terms of quality and performance. Thus, the challenge was to find a better alternative solution that would be more reliable, more long-lasting, certified and compliant with European aviation standards.

SOLUTION

S4GA offered Military Airfield Lighting Trailer specifically designed for NATO operations. The Trailer accommodates a complete portable airfield lighting system able to illuminate up to 3 500 m runway in accordance Customer's requirements. It includes portable runway & taxiway lights, mobile full PAPI system, power banks and generator sets. All lights are controlled remotely via ALCMS integrated into the Trailer. ALCMS provides individual light status monitoring and automatic light failure reporting.

S4GA portable airfield lights are certified and fully compliant with ICAO, FAA, STANAG regulations. The lights have been tested in accredited independent laboratories, and are fully capable and compliant with NATO NVG operation requirements.

S4GA Military Trailer is the best solution for military air bases, temporary runways and humanitarian missions.



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S4GA PRODUCTS

**PORTABLE
APPROACH LIGHT**

**PORTABLE
RUNWAY EDGE
LIGHT**

**PORTABLE
RUNWAY
THRESHOLD END
LIGHT**

**PORTABLE
TAXIWAY LIGHT**

**PORTABLE PAPI
LIGHT**

**POWER BANK FOR
PAPI**

**DIESEL
GENERATOR**

TRAILER

ALCMS BASIC

**UR-201 CONTROL
& MONITORING
UNIT**

**UR-101 HANDHELD
CONTROLLER**
APPLICATION PHOTOS
