CASE STUDY
AFRICA
IVORY COAST

PROJECT KEY FACTS

Airport: Mine airstrip, Ivory Coast
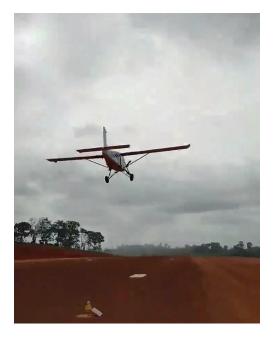
Location: Africa

Application: Mine Airstrip

Solution: Permanent Solar
Runway Lighting

Products: Solar Runway Edge Lights,
Solar Threshold End Lights,
Solar PAPI Lights, Solar Engine,
UR-201 Control & Monitoring Unit

Buyer: Endeavour Mining

Year of Installation: 2019

OVERVIEW

S4GA solar runway lights have been supplied to a gold mine airstrip in Ivory Coast (Côte d'Ivoire), West Africa. The system is used as a permanent lighting solution for daytime and night flight operations.

CHALLENGE

Endeavour Mining is one of the top global gold producers that owns and operates the gold mines in Côte d'Ivoire, Burkina Faso, and Mali. Because of the specific location of the Côte d'Ivoire mine, the fastest and the most suitable way for transfer is air transport. Thus, airstrip upgrade was the priority for the Company.

Solutions presented to Endeavour Mining had to be compliant with international civil aviation regulations and the client's specific criteria. Every supplier who wanted to deal with the Company had to provide the highest quality products and full compliance with aviation standards.

SOLUTION

S4GA offered a solar airfield lighting system that proved to meet all the Airport's criteria:

• Independent from the electrical grid
• Operates 365 days a year on solar energy
• Pilot-controlled
• Fast and easy installation
• Minimum maintenance required
• Resistant to sands - lights are IP-67 approved
• Resistant to the wind- lights can withstand wind loading and jet blast of 240 kph

All S4GA airfield lighting products have passed multiple environmental tests and can withstand the most extreme weather conditions – including Harmattan winds of West Africa.

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S4GA PRODUCTS

SOLAR RUNWAY EDGE LIGHT

SOLAR RUNWAY THRESHOLD END LIGHT

SOLAR PAPI LIGHT

SOLAR ENGINE

UR-201 CONTROL & MONITORING UNIT

APPLICATION PHOTOS