

FBO - Taxiway Project - General Aviation USA



PROJECT OVERVIEW

Location:	Undisclosed - USA
Date:	May 2013
Owner:	US FBO
Site:	Undisclosed
Product:	Solar-powered AV-70 blue taxiway light fixtures
Application:	Taxiway lighting in a non-movement area

BENEFITS

- Automatic dusk-til-dawn-operation - no standby personnel required
- Solar LED lighting best value for money at 1/3 of the cost of mains power lighting installation
- Suitable as an emergency back-up system installed alongside traditional mains-powered lighting
- Robust long-lasting, low maintenance fixtures

"We have a whole range of industry compliant, solar-powered lighting systems that would suit any number of permanent, temporary or emergency back-up airport or heliport lighting applications to enhance safety and increase operational efficiency."

Jeff Scott, BDM - USA
Avlite Systems

AV-70s taxiway lights enhance ops safety and flight efficiency at a major US Executive general aviation airport

Background

This very busy publicly owned, general aviation airport is serviced by FBOs or fixed-based operators who in addition to providing ground-handling services, aircraft fuelling, parking and maintenance, aircraft management and private aircraft charter services, also provide executive terminal services for high-end clients.

Along with providing these services, the local authority - who owns the airport - is committed to making the airport environmentally responsible with initiatives that affect facility operations, including the FBOs and encourage their tenants and partners to conduct their businesses by reducing their own emissions.

Avlite's solar-powered lighting option had many benefits over hard-wired alternatives, including, easy installation, significantly reduced maintenance and power costs and zero emissions.

The solution

One of the airport's FBOs wanted to enhance their passenger and crew safety and efficiency with solar powered taxiway lighting. The customer was looking for an affordable, autonomous taxiway lighting system that was quick and easy to install since they had no access to the airport's main-power. Avlite's AV-70 light fixture was the perfect product match.

The choice of *solar-powered* lighting not only supported the airport-wide sustainability policy, but also meant that the operating costs of the lights and their maintenance were practically zero.