



Case Studies - Projects

// Location: **Lynden Pindling International, (formerly Nassau Int.) Bahamas**

- Project:**
- Design and build of a second runway and taxiway
 - Complete AGL design and installation

Contract: Lynden Pindling, located just 10 miles from the capital city, is the largest airport in the Bahamas and the largest international gateway into the country, receiving the bulk of North American traffic from major carriers.

In order for the airport to facilitate its need to be a leading Caribbean airport, it required the supply and installation of an AGL system comprising of all lighting, cabling and control for the runway edge and taxiway edge lighting up to CAT I operation. In addition to the installation and rewiring of the runway and taxiway fittings, atg also supplied the latest [Micro 100 constant current regulators](#)¹ for the substations and 82 various [Clearway taxiway guidance signs](#)².

The scope of works required the design, build, test, installation and commissioning of a PLC based [Sonnis SMGCS system](#)³ to control the new edge light fittings and with them the aircraft movements around the runway and taxiway system.

Improving communications between the VCR and the various substations was greatly improved with a new control system. Consisting of a new lighting control and mimic panel in the VCR, the PLC and a control cubicle in the new substation, communications between the mimic interface panel and PLC equipment, the CCR's for the substation along with diesel generators and ancillary equipment.



^{1 2 3} <http://www.atgairports.com>

