

Donegal Airport

Relocation of PAPI

Install & Commisison

Turnkey Solutions

www.atgairports.com



Donegal Airport Turnkey Solution

Relocation of PAPI fixtures

Project Key Facts

Client Name | Donegal Airport

Location | Carrickfinn, Co. Donegal, Ireland

Dates | May 2025

Project Overview

As part of Donegal Airport's runway heading change, atg airports was selected to deliver a turnkey solution for the relocation and re-installation of Precision Approach Path Indicators (PAPIs) on both runway ends. The project required a high level of technical expertise, seamless coordination, and a focus on operational continuity—all of which were delivered to exceptional standards and ahead of schedule.

Project Objectives

- Relocate PAPIs by 100 meters on each runway end
- Construct new compliant infrastructure
- Move, install and align existing LED PAPI units
- Minimise operational disruption during works

Strategic Execution

Our team expertly managed all aspects of the relocation, from groundwork to final alignment. The numbering of Runway 03 to 02, and 21 to 20, required reconfiguration of the PAPI circuits to suit new runway requirements.

Key milestones included:

- Construction of new concrete bases incorporating de-lethalisation for enhanced safety
- Installation of durable duct systems and cable pits to house electrical systems
- Deployment of LED PAPI units at the 20 End, and relocation of existing units to the 02 End
- Alignment completed to exact aviation specifications using our specialised teams

Donegal Airport Turnkey Solution

Relocation of PAPI fixtures

Electrical & Infrastructure Upgrades

The installation of modern electrical pit furniture—including new transformers, mounting brackets, and earthing systems—ensured optimal functionality and future-proofing. Every component was selected for reliability and ease of maintenance, a key value proposition for airport authorities seeking long-term cost-efficiency.

Flight Check & Handover

Upon project completion, a full flight check validated the precision alignment and operational readiness of the new PAPIs. The airport was provided with complete documentation, including alignment angles and O&M manuals, ensuring full compliance and ease of future servicing.

Outcomes & Benefits

- Enhanced Airfield Safety: Accurate PAPI alignment improves approach visibility and landing precision
- Operational Continuity: Zero disruption to airport operations during installation
- Regulatory Compliance: All work carried out to the required standards
- Future-Proof Infrastructure: Durable, low-maintenance electrical and structural solutions

Conclusion

This successful delivery at Donegal Airport reflects atg airports' commitment to innovation, compliance, and client satisfaction. By completing the PAPI relocation project ahead of schedule and to exacting standards, we have reinforced our position as a trusted partner in airfield ground lighting solutions across the UK and Ireland.



Head Office:

atg airports Ltd

Lowton Business Park | Newton Road

Lowton St. Mary's | Warrington

WA3 2AP | United Kingdom

www.atgairports.com

THINK
BEFORE YOU
PRINT

