



East Midlands Airport Runway Extension

THE TASK

TPS were the project managers and designers for the lengthening and strengthening of the 09-27 runway at Nottingham East Midlands International Airport. This included the lengthening of the runway at each end and the strengthening of the existing pavement. We worked in partnership with the airport and contractor and the development work included navaid and AGL improvements at the same time.

THE DESIGN AND THE SERVICE

Throughout the project, all tasks were undertaken in association with the operational staff, including gaining approvals from CAA and providing 3D models for the NOTAMS (Notices to Airmen). The programming included tight site possessions and threshold moves requiring reconfiguration of the runway lighting twice a day.

Every reconfiguration of the PAPIs had to be checked and calculated by the survey section. Each construction phase required the production of new obstruction and type A charts for issue to the CAA. The three key phases were the lengthening of the 27 end of the runway followed by the 09 end, and then the strengthening of the central section.

THE RESULT

The project was completed successfully and a full CAP 232 survey with WGS 84 control was undertaken. CAA approved this in accordance with ICAO regulations. This runway development has contributed to the growing level of service provided by East Midlands Airport facilitating the improvement of transport links for the people and businesses of Nottingham and the surrounding area.

CLIENT:

East Midlands Airport

PROJECT VALUE:

£20m

SERVICES:

- Infrastructure and AGL
- Planning, Design and Project Management
- Land Surveying

TYPE:

Aviation