

one of the services provided from our Bristol office

airport engineering

Specialist technical advice, design, evaluation and project management of airfield pavement construction and maintenance and of associated infrastructure.



Capita Symonds has a wealth of experience in airfield paving works and the associated services and infrastructure, for both civil and military airports. We offer a comprehensive consultancy service, covering all aspects of planning, designing and implementing airport development, together with maintenance inspections and advice.

The design and maintenance of the aircraft pavements form the basis of any airport development. It is therefore crucial that projects are carefully considered, planned, designed and implemented with due regard for their commercial and operational impacts, including safety. We understand the time and financial constraints of projects in both the public and private sector, and offer a practical and cost effective service focussed on providing value for money solutions to our clients. We have established relationships with specialists in aeronautical ground lighting and ground power, enabling close integration with these key disciplines.

In addition to design, we specialise in the project management of airfield pavement construction works, including contract management and cost management.

airfield layout design
associated design for drainage and services
contract documentation
feasibility / option studies

maintenance advice
pavement design and assessment
pavement maintenance inspections
project management

CAPITA SYMONDS

successful people, projects and performance

Project Management

RAF St Mawgan taxiway resurfacing

Project management, scheme design, contract documentation and contract management for fast-track resurfacing of the taxiways, including site supervision and cost management. The £6m project included asphalt surfacing, drainage, pollution control measures, and design of new approach lighting systems.



Detailed Design

Jersey Airport North Apron

A traditionally procured £7m project, we provided a full design, contract management and site supervision service for the reconstruction of this aircraft parking apron, including major drainage and water treatment works, ground lighting, and fixed ground power.

Pavement Inspections and Advice

Airbus UK - Hawarden runway inspection

Capita Symonds has provided specialist professional advice to Airbus UK at their Hawarden site, including pavement evaluation, runway maintenance inspections and advice on maintenance and repair methods, and maintenance planning.



Design and Build

RAF Brize Norton runway resurfacing

Detailed design and site quality control for the runway reprofiling and resurfacing on behalf of the Prime Contractor, PriDE. The project included renewal of approach lighting, a new perimeter road, and provision of a new AGL control and monitoring system.

Bespoke Design Solutions

'HALS' - AAC Middle Wallop

Detailed design and project management for a bespoke helicopter training facility requiring development of appropriate standards. The project included a new-build short landing strip, drainage, and ground lighting (including a new AGL control system).



Project and Contract Management

BIA night-time runway resurfacing

Contract management and provision of project management support to the Airport for the £17m resurfacing of the runway and taxiways under NEC3 Conditions of Contract, including programme monitoring, change control, contract administration, and team co-ordination on this high-profile project.

Our focus is on working in close partnership with our clients, to provide practical, timely and value for money solutions, drawing upon the widest range of experience and skills.

Our track record covers the full range of projects and services, from project management, through detailed design and site supervision, option and assessment studies, maintenance inspections, and contract management, for both traditional clients and for contractors under 'design and build' contracts.

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