



## Isle of Man RESA/Runway Extension Project

### THE TASK

The Isle of Man Airport is one of the primary access points for the Island, and its only civil Airport. Following a strategic review by the Isle of Man Department of Transport, TPS were commissioned to investigate the options available to accommodate larger Runway End Safety Areas (RESA) and to provide the optimum runway length to safeguard the future of this key gateway to the island.

On completion of the review TPS were commissioned to carry out and manage the full design of the runway extension works.

The design included the construction of a promontory some 250m into the Irish Sea, the extension of the runway and taxiways, and the associated aviation ground lighting upgrade.

In addition to the design TPS have supported the airport with the planning submission and public consultation, and have developed the preferred option, which involves an exciting mix of aviation engineering and maritime engineering, to outline design stage.

### KEY ELEMENTS

- Airport planning
- Pavement evaluation and design
- Aeronautical ground lighting
- Airfield drainage
- Coastal and maritime engineering
- Contract and procurement strategy

### PROJECT PROFILE



### CLIENT

Department of Transport  
Isle of Man

### PROJECT VALUE

£30m

### SERVICES

- Aviation planning
- Aviation engineering
- Maritime engineering
- Geotechnical engineering
- Topographical surveying
- CAP 232 survey