



Planning & Design

Runway and apron expansion Fuerteventura Airport (Spain)

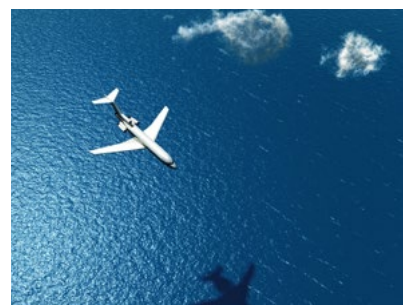
AENA / € 30M / Airfields > Runways and associated taxiways, Aprons and their associated systems and Visual Aids: AGL (2004)



AENA required the project management and basic and detailed design for a 1,000 m extension of the existing Code 4E runway from threshold 19, along with a new cargo and general aviation apron.

The design works carried out by AERTEC Solutions for this contract included the following key elements:

- Airfield capacity analysis of the existing and new layout using SIMMOD
- Earthworks, vertical alignment and levelling
- Pavement and drainage
- New Approach Lighting System & other AGL
- All associated works including enabling works and diversion of existing services
- Hardened “shoulders” to provide a dust-suppression system and the resurfacing of the existing runway
- Two new rapid exit taxiways and new holding bays
- In addition, the existing parallel taxiway was upgraded to be used as a contingency runway



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