



Planning & Design

Design of new rapid exit taxiways at **Malaga Airport** (Spain)



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AENA / Construction budget: € 6M / **Airfields** > **Design of runways and associated taxiways (2007)**



AERTEC Solutions has carried out design and consultancy works for Malaga Airport since 2000.

Among many others projects, our company was commissioned with the design of 2 new rapid exit taxiways for the runway of the airport. As the use of this runway was close to meet its maximum capacity, the airport counts today with a second runway.

The two rapid exit taxiways were located computing data with REDIM (FAA software). The location and potential use of each rapid exist taxiway was simulated by the tool SIMMOD in order to assess the capacity improvement gain by the new exits. In addition, its geometry was design with AEROTURN, considering the performance on the ground of the main aircraft expected in the forecasts.

Currently these two rapid exit taxiways are the busiest of the airport.



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