

PROJECT TITLE	Extension of the Karpathos Airport Terminal Building
LOCATION	Karpathos island, Greece
CLIENT	Ministry of Transport – Civil Aviation Authority

DESCRIPTION

Extensions to the existing building installations of the **Passengers Terminal** at Karpathos Airport have been proven **necessary** in order that the Airport meets with the requirements of both, the **current passengers' load** and the **forecasted demand** up to the **year 2020**.

To this end, the Civil Aviation Authority **entrusted** ADK to carry out **detailed designs** and **studies** for the extension of the existing terminal building as well as the **re-arrangement** and **landscaping** of the existing and greater **surrounding area**.

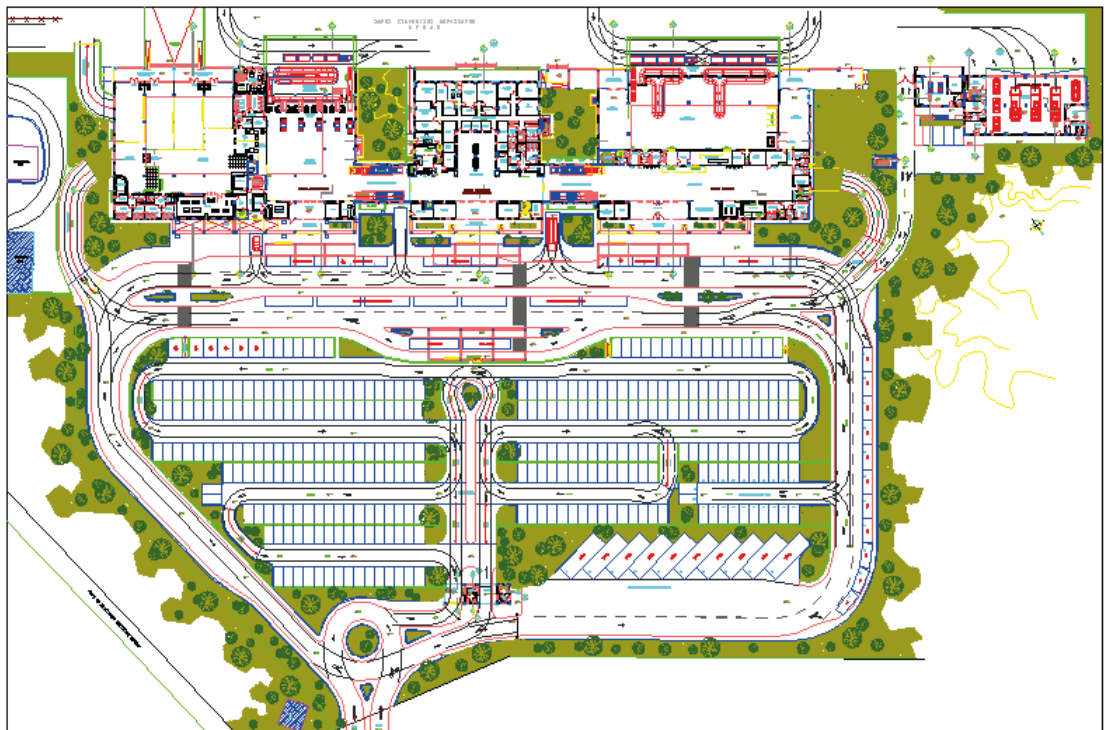


Aerophotography of Karpathos Airport

The extension comprises of **two new wings**, and their **related basements**, at each side of the existing terminal building, of one floor on top of the existing building and of an independent depot building.

The **first wing**, of a floor area of **2.600m²**, will accommodate all **departures halls** and their **ancillary areas**, while the **electrical/mechanical rooms**, **technical services rooms** and **storage rooms** will be installed in the relevant **basement** of a total area of **2.450m²**.

The **second wing**, of a floor area of **2.300m²**, will accommodate the **arrivals halls** and their **ancillary areas**, while the relevant **basement** of a total area of **1.700m²** will be designed as a **car parking area** for the personnel.



Ground floor plan view and landscape layout



Photorealistic view of the Terminal Buildings

The **ground floor** and **basement** areas of **both wings** are **interconnected through corridors** of a total surface of **750m²** located in front of the existing building.

The **layout** of the **new buildings**, led to the necessity of **re-arranging** the 800m² existing one, in order to accommodate the new services of the Airline and Handling companies and the Civil Aviation offices.

Extensions include also the **additional 1.150m² new floor** on top of the existing building which will accommodate the **passenger's restaurants** and **recreation areas**, the **V.I.P. room** and its ancillaries, and the **meteorology office**, **air-traffic control** and **administration complex**.



Land side view



Apron side view

Extensions are completed with the construction adjacent to the existing telecommunications building of a **new 530m² depot**, which will accommodate the **fire department**, the **ambulance parking area** and the **apron service cars parking area**.

Landscaping design covers the greater **22.800m²** landside area and includes the development of the **internal roadway system**, the **visitors-passengers parking areas** including two **guard houses** of a total surface of **77m²** provided at the entrance and exit points of the parking area.



Photos from the construction phase