



Asia

Hong Kong International Airport Strategic Overview of Major Airport Development (SOMAD) Study

Description of Work

The new Hong Kong International Airport at Chek Lap Kok opened on 8 July 1998 and since then there have been a number of planning studies to examine the potential impact of changes in cargo handling and aviation movement into and out of Hong Kong. The overall objective of the SOMAD Study was to formulate a development plan and a strategy for the allocation of land for facilities to accommodate future aviation growth. GCG (Asia) Ltd was responsible for investigating proposals to provide additional reclamation for future expansion of the Airport.

The project included undertaking a study of existing and current reports and ground investigation data and conditions using data from the extensive Airport Authority geotechnical library. As part of the brief, access was made available to the geotechnical reports and databases that were being prepared for the Airport Authority under the Geotechnical Term Commission M193 which has recently been completed and is the precursor to this proposed commission.

Client: Airport Authority

Dates: 2001 – 2002

Estimated Project Cost:
HK\$10 billion



Aerial View of Hong Kong International Airport Looking East

Selected Publications:

PICKLES, A.R. & PLANT, G.W., (1998), Settlement of the airport reclamation and implications for airport operations. Proc Seminar on airport Core Projects, Proc.HKIE Seminar on ACP Projects.