

TRANS-ASIA

Hardened Aircraft Shelters

Detailed Engineering Design of an Aircraft Shelters



Client

United States Airforce

Project

Hardened Aircraft Shelters

Location

Pampanga, Philippines

Project Period

Start 1988

End 1989

Project Description

The project is a four semi-hardened flow-through aircraft shelters with doors in Clark Air Base. The aircraft shelters are of reinforced concrete / steel arch with reinforced concrete footings and floor slabs and steel doors; rigid concrete access taxiway and aprons; and flexible concrete shoulders. These also included halon fire protection system; and hydrant fuelling system with an outlet on each stall connected to operational fuel storage. This outlet included a hot-refueling pantograph system; lighting system; security fencing; extension of water line for fire protection; storm drainage; utilities and necessary supports. Existing plans of hardened aircraft shelter were site adapted.

Scope of Services

Trans-Asia provided contract documents facilitation and final engineering design.



Making
Technology
Work