Think cable. Move forward. Doppelmayr Cable Car

OWNER

ASA– Aeropuertos y Servicios Auxiliares

APM CONSULTANT

CH2MHILL

CONTRACT AMOUNT

MXN 673 million (basis 2005)

SCOPE OF WORK

Turnkey project with consortium ICA & DCC; DCC supplied APM system with steel guideway superstructure

PROJECT DURATION

22 months

OPERATION & MAINTENANCE CONTRACT VALUE

Approx. USD 1.0 million per year (basis 2005), contract term 5 years (November 2007 to February 2012)

DATE OF OPERATION

2007

Reliability.

The passenger transit system improves customer service, reduces transfer time between terminals and guarantees passengers a reliable, fast and seamless transfer between the terminals. The sleek and modern design adds a sophisticated touch to the airport's complete landscape.

International Airport Shuttle
Mexico City, Mexico

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Alignment

The Cable Liner was the most cost-efective way to connect the Terminal 1 with the remotely located new Terminal 2 with a single track system running mostly elevated with portions at grade.

Technical Data

One of the decisive factors for the customer choosing a DCC system was the system's ability to adjust for ground settlements with a lightweight steel guideway concept. Steel adapters between the steel truss guideway and the concrete columns allow height adjustments to compensate for the soil settlement characteristic of Mexico City.

	SYSTEM I
SYSTEM LENGTH	3,025 m [9,925 ft]
CONFIGURATION	Single track shuttle with one train
OPERATING SPEED	45 km/h [27.9 mph]
HEADWAY	650 s
DWELL TIME	60 s
GUIDEWAY	Elevated steel guideway
SYSTEM CAPACITY	600 pphpd (extendable to 800)
STATIONS	2
TRAINS	One 4-car train (extendable to one 6-car train)
TRAIN CAPACITY	26 passengers/car, 104 passengers/train

Steel adapters between elevated modular steel guideway and concrete columns

Station at Interantional Airport Shuttle in Mexico City

Start of Operation in 2007

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