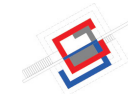


Indian Airlines Hangar



CSA Partners Ltd.
Architects & Urban Designers



Top: Watercolor Conceptual Sketch

Context: Indian Airlines instituted a competition for the design of a large hangar. Daraius Batliwala, Ratan Dubash of Dubon, and Kowaniko of STUP from Paris, jointly took part in the competition and won first prize for the design.

Concept: The hangar had balanced 200 feet cantilevers on either side of a three storey, 90 feet wide central core, whose columns were cross braced at the ends. These and other columns projecting 30 feet above the roof line, in turn anchored high tension hangers that held up 200 feet cantilevers on either side. The cantilevered roof suspension had a folded plate roof along the 300 foot length of the hangar, potential to house a number of aircraft. On completion in 1963 it was the largest canti-

Project Data:

Building type
Government-Competition Win Aviation
Design

Location
Mumbai, India

Site Area
N/A

Project Area
147,000 s.f.

Client
Government of India, Indian Airlines

Completion Year
1963

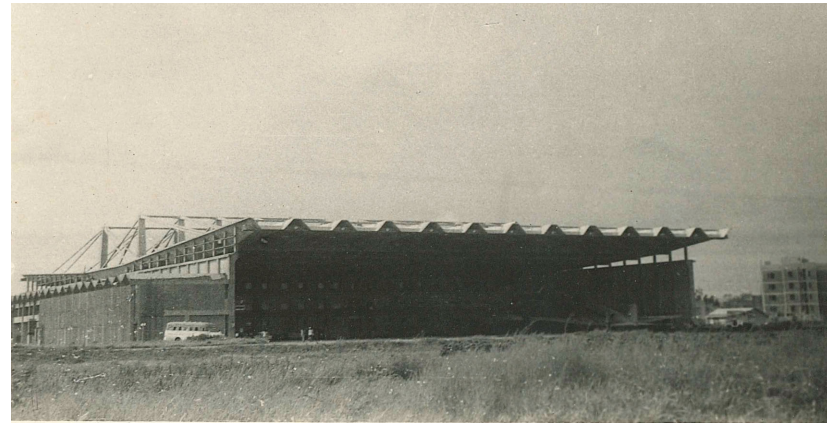
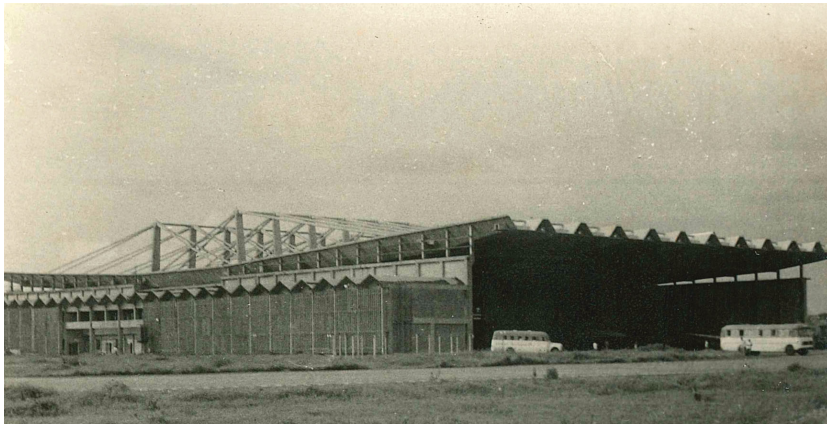
Construction Cost
N/A

Patell Batliwala has Merged with CSA Partners Ltd.

email: contact@csa-partners.com web: www.csa-partners.com

Client Satisfaction through Design Excellence

Indian Airlines Hangar



Top : Completed structure
Bottom : Interiors views under cantilever

Architects: Daraius Batliwala-Principal Designer
Kowaniko & Ratan Dubash-Principal Structural Designer