

## Indian Airlines Hangar



Building type  
Competition winning Aviation Design

Location  
Mumbai, India

Site Area  
N/A

Project Area  
147,000 sf

Client  
Government of India, Indian Airlines

Completion Year  
1963

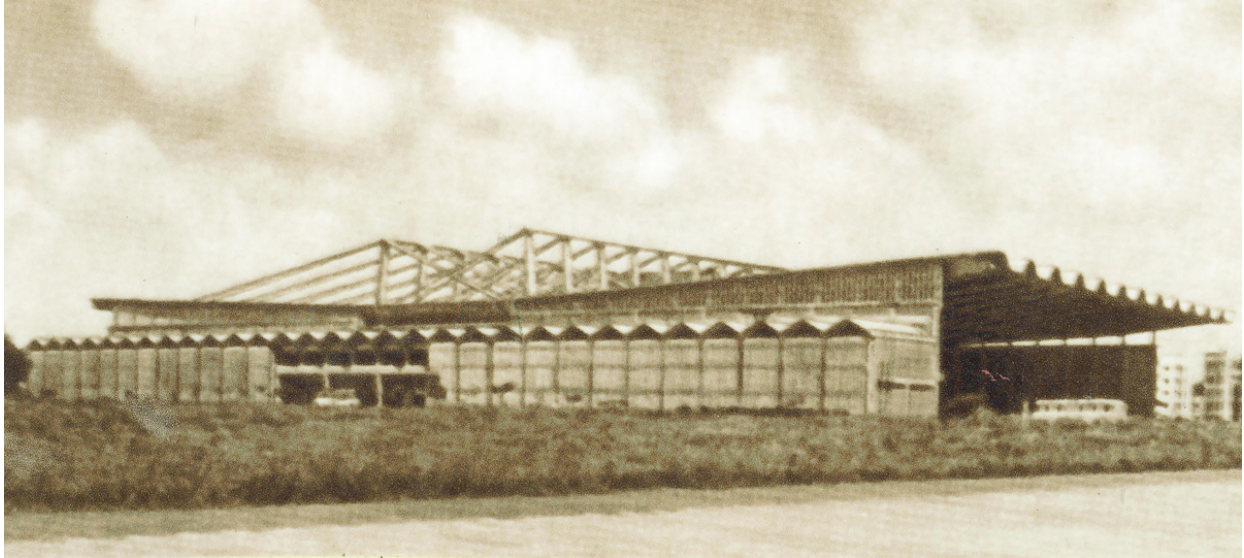
**Context:** Indian Airlines instituted a competition for the design of a large hangar. Daraius Batliwala, Ratan Dubash of Dubon, and Kowaniko of STUP from Paris, jointly took part in the competition and won first prize for the design.

**Design:** 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 cantilevered hangar in the world.

Top: Water Color conceptual sketch

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Patell Batliwala & Associates  
(CSA PARTNERS LTD. MAINTAINS PARTIAL OWNERSHIP)



## Team

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

Top: Completed structure  
Bottom L&R: Interiors views under cantilever