Design and Construction of Aircraft hangar of 101+88m span with Parallel Chord Trusses

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Abstract
This paper describes design and construction of the aircraft hangar – Okinawa Aircraft Maintenance Facilities in Naha Airport, which has been just completed in November, 2018. Length, width and height of the hangar are 101+88m, 73m and 33m respectively. The long span frame which hangar for small aircraft (101 m) and hangar for large aircraft (88 m) are integrated consists of a parallel chord trusses.