



Government of Goa
Directorate of Civil Aviation
Secretariat, Porvorim, Goa
Goa-403521

Ph: 0832-2419542/543

Email: patodir-doca.goa@nic.in

Fax: 0832-2419869

**PROPOSED CONSTRUCTION OF APPROACH ROAD TO MOPA
AIRPORT PROJECT IN PERNEM TALUKA**


NOTE OF JUSTIFICATION

The proposed Greenfield airport project at Mopa, North Goa is planned over approximately 862 hectare of land. The Runway for the proposed Airport has been planned to accommodate ICAO Code 4F aircraft (such as the A380). Considering the shape and topography of the site for the proposed airport, runway is planned to be located on northern side of the site with 095° northeast – 275° southwest orientations (9/27 alignment)

The Annex 14 Vol. I published by International Civil Aviation Organisation (ICAO) recommends provision of runway center line lights on a precision approach Cat I, particularly when the runway is used by aircraft with high landing speeds or where the width of runway edge lights is more than 50m. Further for Cat I precision approach system, the approach lighting system for the runway shall consist of a row of lights on the extended centre line of the runway, extending over a distance of 900m from the runway threshold. Based on these mandatory requirements the, the approach lights have been designed for Runway 27. However, as the land area at the end of the runway 27, excluding within the area already acquired for the project, is part of the forest land survey no. 19 of village Chandel of Pernam Taluka, the runway threshold has been proposed to be displaced to divert minimum of the forest land for providing the Approach Lights for the runway. Accordingly, minimum 0.2517 hectare land, identified on eastern side of the proposed site, is critical for provision of Cat I precision approach system for safe operations of the aircrafts.

Place: Porvorim

Date 27-4-2021


(Dr. S. Shanbhogue)
Director