

Airports Authority of India

Press Release

**AAI commissions Instrument Landing System (ILS) at Belagavi Airport**

**New Delhi, 6<sup>th</sup> October, 2023**: In order to cater the rising traffic at Belagavi Airport, the Airports Authority of India (AAI) has commissioned, a Category-I (CAT I) Instrument Landing System (ILS) for its Runway (08/26) on 5<sup>th</sup> October 2023. The total cost for installation of the facility is Rs. 12.38 Cr. The installation of ILS on Runway 26 approach of Belagavi Airport will enable landing of aircraft in low visibility as well as for night landing.

An Instrument Landing System (ILS) is a precision radio navigation system that provides short-range guidance to aircraft to allow them to approach a runway at night or in bad weather. The new facility has 16-element Localizer antenna system that will help in precision approach of all aircraft landing at the Belagavi airport in all weather conditions. The Instrument Landing System employs two radio beams to provide pilots with vertical and horizontal guidance during the landing approach. The localiser (LOC) provides azimuth guidance, while the glidepath (GP) defines the correct vertical descent profile. The system expediently allows aircraft to approach until it is 200 feet (61 m) over the ground and is very helpful for the pilots at airports like Belagavi.

The trial run of the installed ILS was successfully completed by Hyderabad bound A320 flight operated by M/s Indigo airlines on 31<sup>st</sup> July 2023.

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