

Case Study Five

Customer: **SSR International Airport (Mauritius)**

Description: Renewal of ILS Equipments

Date: October-November 2009

Supplied Systems:

- CAT-II ILS
- Civil Works
- 8 Metre High Gantry
- Radio Link Connectivity
- Equipment Shelter
- Remote control and Remote Monitoring

Details:

Systems Interface successfully delivered this major turnkey project at Sir Seewoosagur Ramgoolam (SSR) International Airport and was responsible for the supply, installation and commissioning of a CAT II ILS system, full system integration, project management and civil works. Due to the urgency of the project all systems were designed, manufactured and installed within a very short timescale to ensure minimum downtime of the ILS. From the design of the gantry to the installation and commissioning of the ILS, the project took a total of just ten weeks.

The equipment included a Selex 2100 Dual Transmitter Two-Frequency Localiser System, Selex 14-element Two-Frequency Localiser Antenna System, Selex 2110 ILS Dual Transmitter Two Frequency Glideslope System, Remote Control and Remote Monitoring with a standby Radio Link capability. Systems Interface also supplied and installed an equipment shelter and a specially commissioned bespoke 8 metre high gantry capable of withstanding cyclonic winds up to 250 km/h whilst ensuring the localiser met the requirements of ICAO Annex 10 for CATII operations.



Technical Safeguarding, ILS Simulation and Modelling were provided by Cyrrus Associates.





20 scheduled airlines serve more than 35 destinations through the SSR International Airport. In 2008 more than 2.6 million passengers transited through the airport, and over 19,200 aircraft movements were recorded.

Sir Seewoosagur Ramgoolam International Airport, the only gateway for air access, plays a strategic role in the economic development of the country.

This has been further recognition of the company's expertise in Project Management and its reputation for providing complex solutions within exacting timescales & budgets

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