

Projects for enhancing aviation safety

By Siti Hajar

THE Department of Civil Aviation has acquired the services of two local companies to assist in providing the country's aviation industry with technology that aims to improve the quality of services whilst maintaining the safety of travellers.

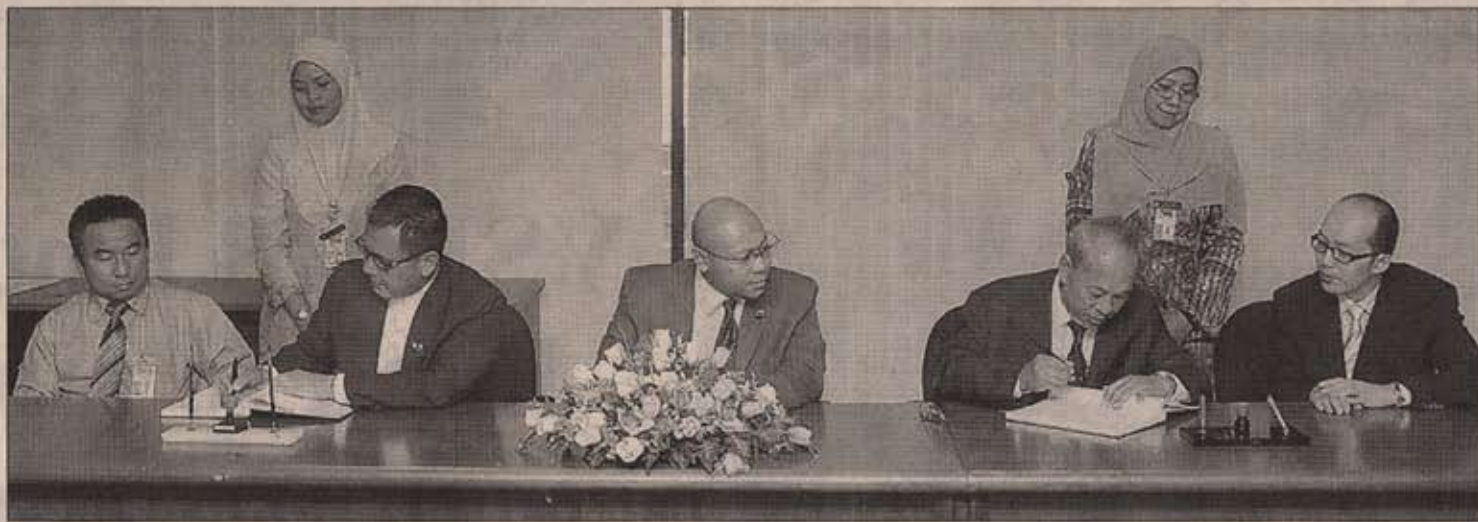
As part of a series of improvement projects, the Department of Civil Aviation signed a contract with local enterprise Rennovo Solutions Sdn Bhd for the acquirement of the System for Wind Profiling and Echo Registering (SWiPER) yesterday in an event that took place at the Airport Terminal in Berakas.

This new meteorological technology will replace the conventional weather balloon method and, once operational by May 2012, the SWiPER will detect wind direction and speed that reach up to 16km from the ground perusing an atmospheric remote sensing instrument that works with the help of radar and also sound waves.

One of the biggest advantages of the wind profiler is its capability to continuously monitor wind direction and speed without any break point or gap, making the SWiPER one of the most accurate and efficient equipments in the field of weather forecasting. Another main responsibility of the new technology will involve aviation purposes whereby SWiPER will also be used to monitor hazardous wind conditions that could affect airplanes especially during take-off and landing.

It can also be used to notify authorities of impending and incoming thunderstorms and provide them with a head start should natural disasters such as flash floods are expected to happen.

The contract – "The Supply, Delivery, Installation, Integration, Testing, Training, Commissioning and Other Related Services for the Implementation of System for Wind Profiling and Echo Registering (SWiPER) to the Department of Civil Aviation" – was signed between the Government of His Majesty the Sultan and Yang



Contract signing takes place

Di-Pertuan of Brunei Darussalam represented by the Director of Civil Aviation, Awang Haji Omarali bin Haji Mohd Ja'afar, whilst Rennovo Solutions was represented by Haji Sapawi bin Bolhassan.