

Mitsubishi Electric to Supply Terminal Doppler Lidars in Hong Kong 9/2/2015

First Japanese company to supply Terminal Doppler Lidars outside of Japan

Mitsubishi Electric Corporation (TOKYO: 6503) announced today that it has been awarded a contract by Hong Kong Observatory (HKO), a department of the Hong Kong Government, to supply Hong Kong International Airport (HKIA) with two Terminal Doppler Lidar systems capable of detecting nearby low-level wind shear and turbulence during non-precipitation conditions. The system uses a single-frequency pulse laser to capture the movements of dust and tiny particulates in the air to take measurements.



Doppler Lidar

Dimension	2.8W × 2.2D × 2.6H(m)
Weight	Less than 2 ton

In Japan, Mitsubishi Electric supplied Tokyo International Airport with similar systems in March.

Previously, the company supplied HKIA with a Terminal Doppler Weather Radar (TDWR), which detects wind shear and turbulence during precipitation by using microwave signals to measure the movement of rain drops in the atmosphere. The combination of the TDWR and Terminal Doppler Lidar systems will give the airport the capability to observe wind shear and turbulence under all weather conditions, ensuring heightened safety.

Going forward, Mitsubishi Electric will continue to develop increasingly advanced and ever-more reliable Doppler Lidars as one of the world's leading suppliers of these systems.

About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,323.0 billion yen (US\$ 36.0 billion*) in the fiscal year ended March 31, 2015. For more information visit: <http://www.MitsubishiElectric.com> *At an exchange rate of 120 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2015