

**DHKO speech for the joint HKO MyFlightWx  
and CPA Flight Folder Launch Event**

Good afternoon, Mr Greg Hughes (CPA), guests and media representatives.

Today is a remarkable day in the aviation history of Hong Kong, as both Cathay Pacific and Cathay Dragon flights go for complete paperless operation, utilizing the mobile app MyFlightWx developed in-house by the Hong Kong Observatory. MyFlightWx presents timely and fit-for-purpose weather information to the cockpit using the latest information and communications technologies.

Development and operational deployment of MyFlightWx is an excellent example of science, innovation and collaboration. MyFlightWx is the world's first electronic flight bag application developed by a meteorological authority and approved by the aviation authority for operational use by a major airline. In addition to the standard weather products required by international regulation, the Observatory also provides a more advanced turbulence forecast through MyFlightWx to enhance flight safety and efficiency. In recognition of the Observatory's effort, MyFlightWx was awarded a Certificate of Merit in the Smart Mobility (Smart Transportation) Award at the Hong Kong ICT Awards 2019.

Talking about turbulence, the Observatory would like to thank Cathay Pacific for implementing new software to provide real-time turbulence

measurements on their fleet of 70 Boeing B777 aircraft starting also this year. This is a milestone achievement on top of the aircraft observations which Cathay Pacific and Cathay Dragon had generously provided for the World Meteorological Organization under the Hong Kong AMDAR programme, which marks its 15 anniversary this year. The turbulence data is highly valuable as it not only provides a real-time indication of how turbulent the atmosphere is but also a key component in enabling the provision of more advanced turbulence forecast through MyFlightWx.

Looking forward, the Observatory will work closely with other airlines operating at the Hong Kong International Airport to implement MyFlightWx on their fleets. We will also continue to work with airlines, Airport Authority Hong Kong, Civil Aviation Department and other aviation stakeholders to enrich the contents of MyFlightWx especially information supporting Collaborative Decision Making.

Innovate, Collaborate and Serve are important common values that the Observatory and Cathay Pacific both share. MyFlightWx is a hallmark of collaboration between the weather service and the aviation industry which demonstrates the science-to-service value chain and the success of a home-grown research and development effort. Together, we look forward to surpass our past achievements to reach new heights in serving Hong Kong and the aviation industry in the years to come.

Thank you very much and I take this opportunity to wish you all a Merry Christmas!