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## **EGTS INTERNATIONAL AND CHINA AVIATION ENERGY & EMISSIONS SOLUTIONS COLLABORATE TO ADVANCE ELECTRIC TAXIING IN CHINA**

### ***CAEES signs MoU with Honeywell and Safran to evaluate EGTS™ deployment for Chinese aviation market***

**PHOENIX, Az and PARIS, Nov 18, 2014** – Honeywell (NYSE: HON) and Safran (NYSE Euronext Paris: SAF) have signed a Memorandum of Understanding with China Aviation Energy & Emission Solutions to evaluate the benefits of the EGTS electric taxiing system for Chinese airlines and airports and its potential deployment in China.

EGTS is a technology being developed by Honeywell and Safran under their EGTS International joint venture. It uses the aircraft's electrical power to drive motors on the main landing gear wheels. This enables the aircraft to push back and taxi autonomously without using its main engines, saving up to four per cent block fuel consumption per flight as well as up to 75 per cent of carbon emissions and up to 50 per cent of NOx emissions.

Within the scope of the agreement, China Aviation Energy & Emission Solutions (CAEES) will assist the joint venture in assessing Chinese airports' on-ground operational practices and associated regulations. The partners will also work together to quantify fuel savings and greenhouse gas emissions reduction in China, in order to substantiate all potential benefits.

As the world's second largest and fastest-growing aerospace market, China represents an attractive market for EGTS. *“Chinese airlines are operating on the ground in quickly-growing aircraft traffic flows leading to significantly higher taxi times,”* said Mr. Zhang, CAEES General Manager. *“In addition, many Chinese operators experience high levels of aircraft usage, with numerous cycles per aircraft per year. Given this operational profile, CAEES is eager to evaluate the benefits offered by EGTS for Chinese airlines.”* According to Safran and Honeywell current estimates, use of EGTS on short-haul fleets in China could result in more than \$250,000 savings per aircraft per year.

*“We are proud to announce this strategic partnership with CAEES, whose breadth of reach will facilitate access to, and discussions with, various aerospace industry players in China, including airlines, airports, lessors and other related government organizations that have*

*a stake in reducing carbon emissions,” said Olivier Savin, vice president EGTS Program, Safran. “The phenomenal and sustained growth of the Chinese aviation industry makes it a privileged market for EGTS and we must ensure, during the development, that our system meets the specific operating requirements in this region of the world”.*

According to the International Air Transport Association (IATA)’s 2013-2017 market forecast, routes within or connected to China will be the single largest driver of passenger traffic growth, representing 24 per cent of the 31 per cent world increase in passenger numbers by 2017. *“EGTS is working closely with CAEES so that we can assist the Chinese aviation industry in accommodating 227 million anticipated additional passengers in the coming years,”* said Brian Wenig, vice president EGTS Program, Honeywell Aerospace. *“EGTS will enable airlines and airports to jointly alleviate traffic congestion issues and reduce environmental emissions.”*

With the regulatory support of CAAC, the Chinese civil aviation Industry is deeply involved in a program of energy conservation and emission reduction promotion, with a program completion projected by year 2020.

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### **Supporting Resources**

- Learn more about [EGTS International](#)
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### **About CAEES**

China Aviation Energy & Emission Solutions (CAEES), a wholly-owned subsidiary of China Aviation Supplies Holding Company (CAS), provides professional energy-conservation services for civil aviation industry, including energy conservation consulting, energy auditing, Energy Performance Contracting (EPC). We have registered at the National Development and Reform Commission (NDRC), Ministry of Finance and the State-owned Assets Supervision and Administration Commission of the State Council (SASAC), and obtained the ISO9001:2008 certificate. CAEES is responsible for identifying and developing innovative energy and environmental solutions for the Chinese aviation sector.

### **About Safran**

Safran is a leading international high-technology group with three core businesses: Aerospace (propulsion and equipment), Defence and Security. Operating worldwide, the Group has 66,200 employees and generated sales of 14.7 billion euros in 2013. Working alone or in partnership, Safran holds world or European leadership positions in its core markets. The Group invests heavily in Research & Development to meet the requirements of changing markets, including expenditures of 1.8 billion Euros in 2013. Safran is listed on NYSE Euronext Paris and is part of the CAC40 index. For more information, [www.safran-group.com](http://www.safran-group.com) / Follow @SAFRAN on Twitter.

### **About Honeywell**

Honeywell Aerospace products and services are found on virtually every commercial, defense and space aircraft, and its turbochargers are used by nearly every automaker and truck manufacturer around the world. The Aerospace business unit develops innovative solutions for more fuel efficient automobiles and airplanes, more direct and on-time flights, safer flying and runway traffic, along with aircraft engines, cockpit and cabin electronics, wireless connectivity services, logistics and more. The business delivers safer, faster, and more efficient and comfortable transportation-related experiences worldwide. For more information, visit [www.honeywell.com](http://www.honeywell.com) or follow us at @Honeywell\_Aero and @Honeywell\_Turbo.

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