

PRESS RELEASE

Safran and Thales team up to optimize the power conversion system for electric taxiing of aircraft

Vélizy, October 18, 2017

Safran Landing Systems and Thales have signed a Memorandum of Understanding for the development of a power supply unit for the electric taxiing system developed by Safran Landing Systems.

Safran's Electric-Taxiing system enables the airplane to taxi independently, without starting up the main engines or using an airport tractor, thanks to electrical motors installed in the wheels of the main landing gear. This system offers a significant reduction in fuel consumption and emissions. In order to reduce the aircraft weight, Safran Landing Systems has chosen an ATRU transformer (auto transformer rectifier unit), designed and developed by Thales, which is capable of providing very high power.

As part of their agreement, the two partners will work together on the integration of this ATRU, to optimize both the design and the interfaces with the electric taxiing system.

"We are delighted to be able to count on the expertise of Thales, which brings both its expertise in the design of power conversion equipment and experience gathered with in-service aircrafts.", said Walid Hamzeh, head of strategic development at Safran Landing Systems.

"Understanding the operating conditions of this system will allow us to optimize this unit to meet the specific needs of Safran's electric taxiing system, with a minimal impact on the weight," added Philippe Carette, Thales Vice President, Electrical Systems.

Safran is an international high-technology group and tier-1 supplier of systems and equipment in the Aerospace and Defense markets. Operating worldwide, Safran has nearly 58,000 employees and generated sales of 15.8 billion euros in 2016. Safran is listed on the Euronext Paris stock exchange, and its share is part of the CAC 40 and Euro Stoxx 50 indices. **Safran Landing Systems** is the world leader in aircraft landing and braking systems. As a trusted partner to 30 major commercial, military, business and regional aircraft manufacturers, the company supports more than 27,000 aircraft making over 54,000 landings a day.

For more information: www.safran-group.com and www.safran-landing-systems.com / Follow @Safran and @SafranLandingS on Twitter 

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➤ About Thales

Thales is a global technology leader for the Aerospace, Transport, Defence and Security markets. With 64,000 employees in 56 countries, Thales reported sales of €14.9 billion in 2016. With over 25,000 engineers and researchers, Thales has a unique capability to design and deploy equipment, systems and services to meet the most complex security requirements. Its exceptional international footprint allows it to work closely with its customers all over the world.

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