

PRESS INFORMATION / 20 June 2017

## MICHELIN and Safran present the first connected tyre for aircraft

At the 2017 Paris – Le Bourget Air Show, Michelin and Safran present the world's first connected tyres for the aeronautical industry. The innovation, called 'PresSense' comprises an electronic pressure sensor installed within the tyre to greatly improve and simplify ground maintenance operations.

The result of a collaboration between Michelin and Safran over two years, PresSense is a wireless solution that functions as an embedded system. The electronic pressure sensor in the tyre collects information on the inflation pressure. The digital data is transferred remotely, without any intervention on the tyre, by a reader connected to a smartphone, and then to the maintenance database. A much simpler process than conventional maintenance which requires manual pressure collection through the wheel valve and a manometer – quite an operation when inflation pressures exceed 200 psi (15 bar).

Vincent Mascré, CEO of Safran Landing Systems, said: *"We are pleased to partner with Michelin, the tyre industry leader, truly experienced in tyre innovation and connectivity. Together we will be able to offer our customers a reliable, efficient and time-saving solution."*

Frank Moreau, President of Michelin Aircraft Tyre, adds: *"The collaboration between the teams of Michelin and those of Safran, leader in aircraft landing systems and an expert on embedded aeronautical systems, has been decisive. PresSense represents a real technological innovation, answering our clients' needs."*

The deployment of the PresSense project is scheduled for 2019.

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**Michelin**, the leading tire company, is dedicated to enhancing its clients' mobility, sustainably; designing and distributing the most suitable tires, services and solutions for its clients' needs; providing digital services, maps and guides to help enrich trips and travels and make them unique experiences; and developing high-technology materials that serve the mobility industry. Headquartered in Clermont-Ferrand, France, Michelin is present in 170 countries, has 111,700 employees and operates 68 production facilities in 17 countries which together produced 184 million tires in 2015. ([www.michelin.com](http://www.michelin.com))

**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](http://www.safran-group.com) and [www.safran-landing-systems.com](http://www.safran-landing-systems.com) / Follow @Safran and @SafranLandingS on Twitter 