

PRESS RELEASE

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.

Press Contacts: Michelin +33 (0) 145 66 22 22 / Safran Landing Systems : +33 (0)1 46 29 48 97



Safran is a leading international high-technology group with three core businesses: Aerospace, Defence and Security (ongoing divestiture of Security business). Operating worldwide, the Group has 66,500 employees (Security included) and generated sales of 15.8 billion euros in 2016 (excluding Security). Safran is listed on Euronext Paris and is part of the CAC40 index, as well as the Euro Stoxx 50 European index.

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

Contact(s)

Communications department / Safran Landing Systems
/ communication.sls@safrangroup.com / +33 1 46 29 48 97