

Suprem Switzerland Announces Project with Northrop Grumman under the Switzerland F-35 Offset Program

Yverdon-les-Bains, Switzerland – October 18th, 2022 - Suprem SA announced today that under the Offset program associated with Switzerland's proposed procurement of F-35 aircraft, it has entered into a Memorandum of Understanding (MOU) with Northrop Grumman Corporation, a principal F-35 team-member. The MOU focuses on expanding Suprem's current range of continuous fiber thermoplastic composite materials for use in cutting-edge Additive Manufacturing.

“The initiative highlights Suprem's effort to provide high quality and sustainable materials for the additive manufacturing industrial ecosystem,” said Anatole Gilliot, CEO of Suprem. “We look forward to working with Northrop Grumman on developing advanced materials for the next generation of composite structures fabricated via additive manufacturing. This initiative will foster critical skills in materials science and machinery engineering in the French speaking region of Switzerland.”

Under the MOU, Northrop Grumman will provide Suprem with a comprehensive package of joint development, support, and qualification for license-free application. Suprem will apply Northrop Grumman's additive manufacturing expertise to the aeronautics and space industry and in industrials sectors like renewable energy.

Globally, Additive Manufacturing allows organizations to reduce significant time spent on design, prototyping, manufacturing, and logistics, greatly reducing lead times and material costs. Analog operations that once took weeks or months have transitioned to more digital processes, like additive manufacturing, resulting in greater efficiency.

“New designs enabled by additive manufacturing combined with thermoplastic composite materials allow companies like Suprem to support the reduction of CO₂ emissions because of the ability to build lighter and more durable structures and components,” said Glenn Masukawa, vice president and F-35 program manager, Northrop Grumman. “Working with innovative companies across Europe helps to ensure our supply chain reflects the breadth of our international customers.”

The collaboration with Northrop Grumman will support Suprem domestically and internationally by accelerating the adoption of additive manufacturing thermoplastic composite materials.

On the web: www.suprem.ch

About Suprem:

Suprem is a leader in continuous fibre reinforced thermoplastic materials with decades of experience in developing & manufacturing materials for automated additive manufacturing.