

## **Daher wins its first Boeing production contract to supply thermoplastic composite structural parts for the Boeing 787 Dreamliner**

**Seattle, Washington, USA, January 24<sup>th</sup> 2018,–** Daher has been selected to provide thermoplastic composite structural parts for the Boeing 787 airplanes, utilizing its expertise in this material – which is lightweight, strong and cost-effective to manufacture – for the company’s first-ever production contract with Boeing.

Deliveries and installation of these elementary structural parts will begin in 2018 under terms of Daher’s multi-year contract, replacing existing 787 airplane components currently manufactured using the more traditional thermoset composite materials that have been employed by the aviation industry for 30-plus years.

In supplying the new parts, Daher will apply its demonstrated experience in thermoplastic composites – with a wide variety of aircraft components produced by the company since 2010. This expertise has enabled Daher to master the production techniques for thermoplastic composites, and use its leadership in automation and robotics to optimize manufacturing processes.

“Daher is pleased to begin our Boeing relationship with thermoplastic composite technology, which holds significant promise in further driving down the aviation industry’s costs of manufacturing aerostructures,” said Nicolas Orance, Daher SVP Aerospace & Defense Business Unit.

“We are fully committed to meeting Boeing’s expectations on this initial work package, and are ready to explore other opportunities that will bring additional manufacturing cost reductions”, adds Armelle de Larminat, Head of Business Development Americas area.

### **Manufacturing engineering and Boeing supplier qualification**

Daher’s manufacturing expertise further optimized the thermoplastic composite parts for Boeing as replacements for the 787’s existing components. Daher’s production facility at Nantes, France has received Boeing approval as a qualified supply source for thermoplastic composite parts.

In addition to their material properties, thermoplastic composites are less subject to many of the production environment constraints with thermoset composite materials – such as limited shelf-life, the necessity for cold storage, and requirements for clean room conditions during manufacturing.

Parts made from thermoplastic composites also are more resilient, and provide recycling potential not possible with other materials. Additionally, the curing of thermoplastic matrices uses heat and pressure in very short cycles, responding to the faster production times sought by the aerospace industry today.

### **About Daher - [www.daher.com](http://www.daher.com)**



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Daher is an aircraft manufacturer and an industry and service equipment supplier. The company affirms its leadership in three lines of business: aircraft manufacturing, aeronautical equipment and systems, and logistic services and supply chain operator.

As a reference in the convergence of industry and services, Daher designs and develops value-added solutions for its industrial partners. The combination of its expertise in product and project engineering, industrial manufacturing, logistics and supply chain, industrial services and customer support allows Daher to offer global solutions today that are adapted to the critical requirements of its customers.

In 2017, DAHER had a turnover of nearly 1.1 billion euros, and its backlog represents approximately 3.5 years of turnover. Driven by bold innovation since its founding in 1863, Daher has established itself today as one of the major players of Industry 4.0 and the Factory of the Future.

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