

SPACE



CHALLENGE ACCEPTED – COMPOSYST GOES TO SPACE

After years of experience in aerospace and other demanding fields the next logical step for COMPOSYST is obvious: Going to Space. Minimizing weight while maintaining the

highest quality is particularly important in this area. Since COMPOSYST is an expert for lightweight we accept this new challenge with great enthusiasm and expertise.

SPACE

COMPOSYST LAUNCHES ITS CAREER INTO SPACE

Becoming a supplier for the space industry poses **great challenges**. We at COMPOSYST use our expertise from already very demanding projects and now provide **lightweight components** for a safer journey into space – and back home.

In this particular project COMPOSYST was tasked with the manufacture of the **Stage 1 Aft Skirt**, the **aerodynamic cover** for nine engines, which consists of eight **Doors** and eight **Bottom Plate Segments**.

These components can be built using either **out-of-autoclave prepreg** or **VAP® technology**: The materials are chosen for their strength-to-weight

ratio, which is of utmost importance for achieving the structural integrity required for space flight while **minimizing** the overall mass of the vehicle.

COMPOSYST developed a tooling concept that is **compatible with both** production methods and takes into account the **thermal effects** affecting the tooling and component during the **high-temperature** manufacturing process.

Are you looking for a **design or manufacturing partner** in the space industry? **Contact us!**

