



## Panels 100% Built in-house

We are proud to collaborate with leading companies in the aviation industry. Our customized and innovative products, a 100% manufactured in-house, meet our clients expectations. We look forward to provide our customers with the high-quality products they need.

Lightweight Solutions  
Sandwich Panels, Floorboard Panels

**JCB AERO**  
AN AMAC AEROSPACE COMPANY

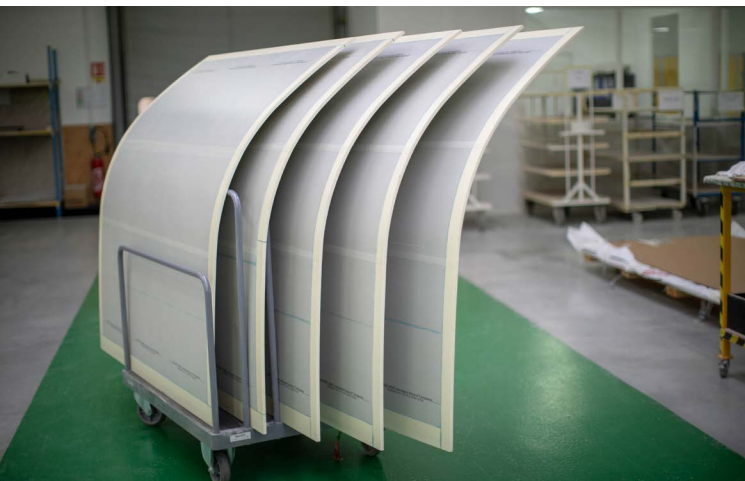


## Innovative Panels

JCB Aero produces its own **Sandwich Panels** including a choice of Honeycomb, Aluminium or foam core with Glass, Carbon, Aluminium, Kevlar, or a mix of e-Glass and Carbon Fiber Skin, along with a choice of Phenolic or Epoxy Resin.

### **The standard panel thicknesses available are (in inch):**

0.125 / 0.190 / 0.250 / 0.375 / 0.500 / 0.750 / 1.000 with a standard dimension of 2'400mm x 1'220mm, up to maximum size of 3'600mm x 1'500mm; different thickness can be manufactured upon demand. This is true for all customization: edge filling, metal inserts, Tedlar, etc. With its own in-house 'A & B' value testing facility, all panels are tested and approved at JCB Aero.



### Standard Flat Panels

- Epoxy Glass / Carbon / Aluminum - F60
- Pheno Glass - FST + HR

For these standard panels we offer Design value A & B.

Standard size:

Epoxy & Carbon 1'180mm x 2'440mm

Pheno & Alu 1'220mm x 2'440mm

up to 1'500mm x 3'600mm maximum size

### Customized Curved Panels

As fittings we offer edge filler, local metal inserts, cutting, reinforcement blocks etc. The surface roughness can be customized to the client's needs. For these customized panels we offer Design value A & B.

### Wide Range of Materials

We offer a wide range of foam core material such as Nomex or Aluminum Honeycomb, Reinforcement Glass, Carbon, Kevlar etc.

### Cargo panels & liners solutions

JCB Aero developed and produced customized solutions for ATR aircraft manufacturer.

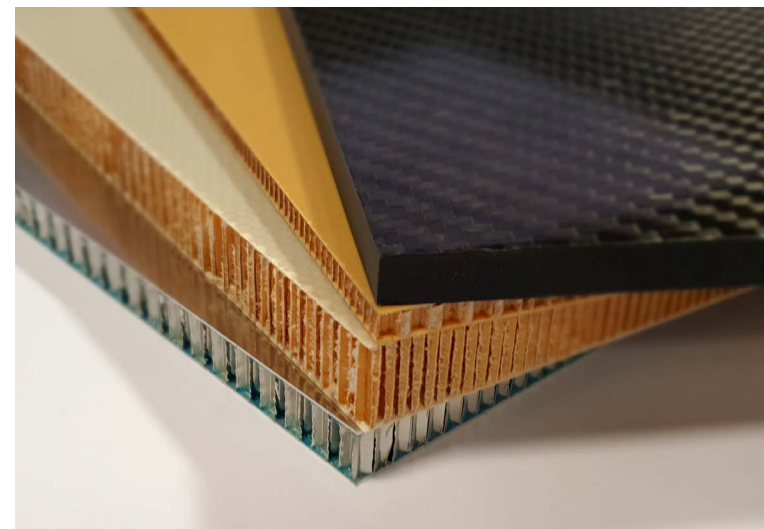
### Floorboard panels

Our latest innovation, a floorboard panel compliant BMS4-17/20/23, offers a substantial weight gain and can be installed on almost any (95% of) Boeing Cabins. Another plus is the decreased lead-time compared to OEM floorboard manufacturers. We are capable to deliver customized floorboards with multi-STC's.

### Lightweight Solutions

Our substantial lightweight solution from aeronautical innovation, with a minimum of 35% weight win, meet the interest of the maritime sector. For more information visit our website.

[jcbaero.com/business-activities/business-aviation/](http://jcbaero.com/business-activities/business-aviation/)



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