



**Martin-Baker**

# ENHANCED COMFORT



- ▼ Greatly improved comfort for increased flight times
- ▼ Simple retro fit, as attachment points can be the same
- ▼ Complete seat integration with no interference issues
- ▼ New materials to increase cushion life
- ▼ Designs that can accommodate a wide anthropometric range
- ▼ Used in medical environment to greatly increase comfort
- ▼ Honeycomb structure
- ▼ Perforated and breathable
- ▼ Washable



# UPGRADE

Martin-Baker has over 60 years of combined escape and crashworthy systems experience to call upon, and unlike cushion manufacturers, fully understand all the design issues. As a result their cushions deliver the required support without compromising comfort.

With ever increasing mission times, maintaining and enhancing crew efficiency and performance has become a vitally important issue.

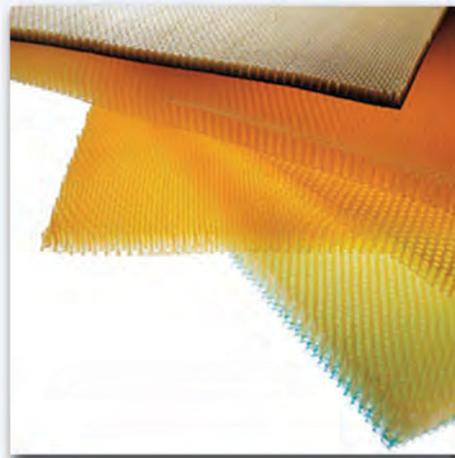
Crew members can better focus on the task in hand if they are not distracted by an uncomfortable seat. Similarly, troops and passengers will arrive prepared for whatever tasks they have to perform if they have been sitting comfortably.

To better meet this need, Martin-Baker has employed pressure mapping and scanning technologies to more fully understand the human anatomy and the seating requirements for both military and civil applications.

This extensive research has identified the ideal pressure distribution across the sitting platform and backrest. The results of these studies have been utilised to optimise sitting comfort, achieving superior levels of seat efficiency and performance.

The cushion uses a fusion bonded honeycomb technology, which is a flexible form of aerospace honeycomb utilized in products that promote the health and safety of aircrew.

SUPRACOR® Honeycomb can be found in military body armour and anti-ballistic garments. Stimulite® Honeycomb provides the comfort and ventilation essential for pilots on long missions.



Martin-Baker Aircraft Company Limited, Higher Denham, Near Uxbridge, Middlesex, UB9 5AJ, England  
Telephone +44 (0) 1895 832214  
email: [information@martin-baker.co.uk](mailto:information@martin-baker.co.uk) [www.martin-baker.com](http://www.martin-baker.com)

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