

fastlane

To meet the demand for lightweight fasteners, to eliminate galvanic corrosion in wet environments, and to mitigate environmental issues related to cadmium and hexavalent chromium-plated fasteners, The Young Engineers Inc has developed a line of composite fasteners for honeycomb structures. These are currently available in through-hole, countersink, self-locking threaded, floor panel and floating nut

varieties, and there are plans to expand the line-up as demand dictates. The company designs and manufactures aircraft and aerospace hardware, with a primary focus on fasteners for honeycomb panels and composite materials. It recently became one of only two companies in the world to be accredited to Nadcap's newly developed fastener manufacturer audit criteria. This is in addition to Nadcap accreditation for

Materials Testing of Fasteners and Chemical Processing of Fasteners, certification by Det Norske Veritas Certification, Inc to ISO9001:2000 and EN/JISQ/AS9100:2004, USA FAA approval to TSO C148, and listing on the US Defense Logistics Agency's Qualified Suppliers List for Manufacturers for Class 3 Threaded Fasteners.

The Young Engineers Inc Reader Enquiry No.503

freeflow

The revolutionary AeroBax seating technology, launched last year, continues to gain recognition in the corporate market and will be on show at EBACE. The technology, owned by NuBax Ltd, induces correct anatomical posture while seated, substantially enhancing comfort for the seat occupant. Clinical trials carried out on seats incorporating AeroBax have shown significant increases in blood flow through the lower limbs, greatly reducing the risk of blood clots and other associated events for frequent flyers.

The technology is available for 9g cabin and crew seats, with 16g-certified seats in development. The foam-based technology requires no modification to the upholstery or seat frame, and with the additional advantage of rapid implementation, is winning favour with aircraft refurbishers across the USA. Landmark Aviation was the first to adopt AeroBax, launching the technology at the 2007 NBAA in Atlanta.

"AeroBax offers dramatic improvements in comfort and safety which is available not only for new seats, but to owners of existing aircraft too. The technology will transform the experience of

flying even at the upper end of business travel," says Hayley Morgan of NuBax. TAG Group, NuBax's largest shareholder, is demonstrating AeroBax in their flagship Versace Concept seat at EBACE.

NuBax Ltd Reader Enquiry No.504

