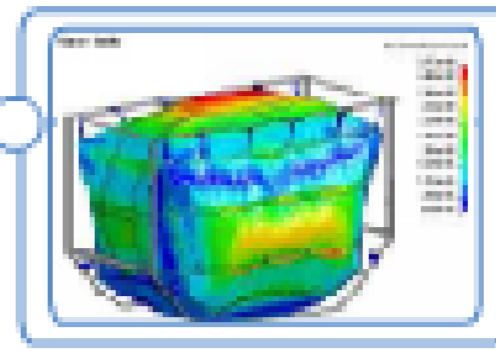
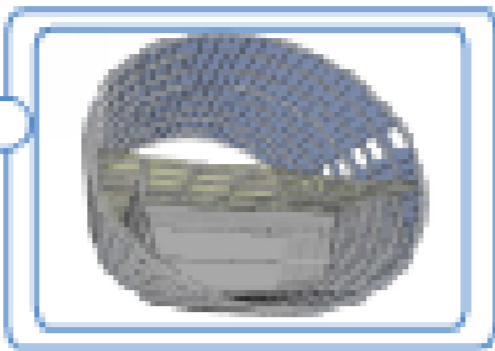




**ADVANCED TECHNOLOGIES FOR BOMB-PROOF CARGO CONTAINERS AND BLAST CONTAINMENT UNITS FOR THE RETROFITTING OF PASSENGER AIRPLANES**



**Blastworthy textile-based luggage containments for aviation security**



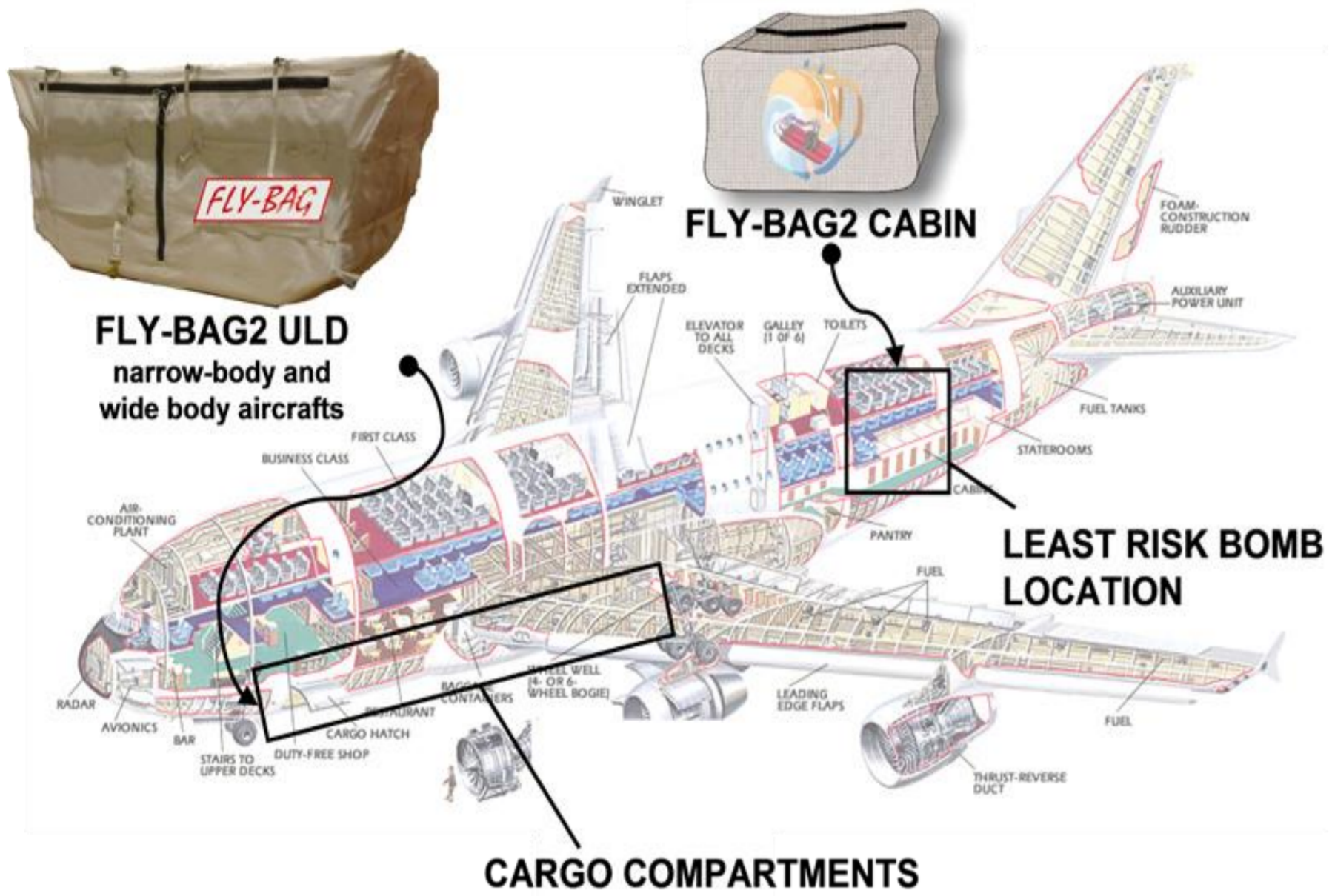
Even a small blast inside a pressurised hold can cause collapse of an airframe.

Recent attempted bomb attacks indicate that checked luggage is a serious target.

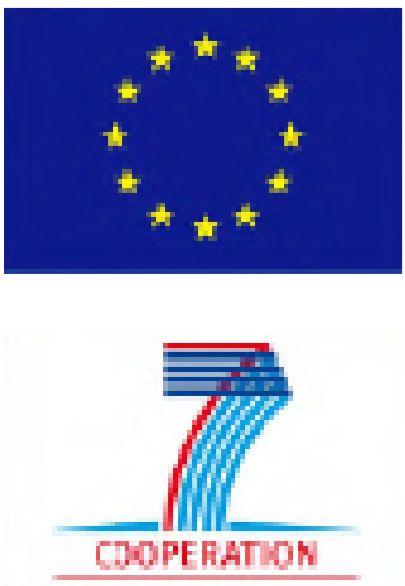


Technical textiles with functional coatings enable to conceive multilayered structures satisfying different requirements:

- resistance to shockvawe
- controlled deformation
- energy absorbtion
- a relatively gastight structure



prototyping and validation of solutions for passenger cabin and cargo hold of narrow and wide body aircrafts



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