



# AIRCRAFT PROTECTION

## HIGH-TECH COMPOSITES

### IMPROVED SURVIVABILITY FOR THE CREW

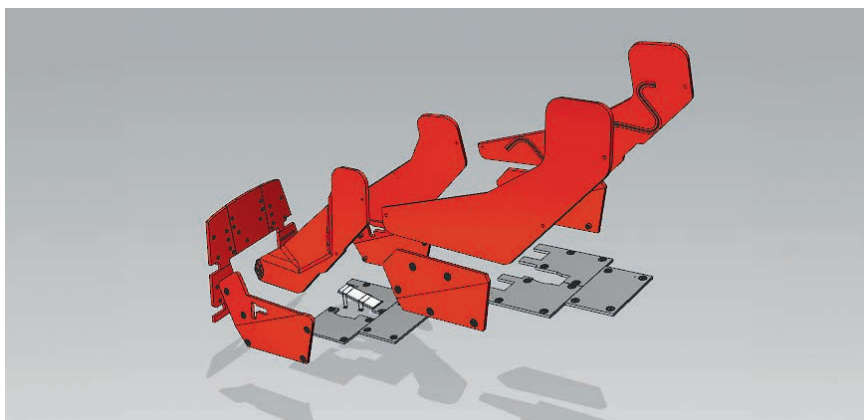
#### SMALL ARMS FIRE – A HIGH RISK FOR THE CREWS

Aircraft are attacked with handheld weapons when flying at low altitudes. Therefore, they need ballistic protection when deployed to theatre. However, weight is an even more critical issue for aircraft than for land vehicles. This is in particular true because most aircraft in service have not been planned with the consideration of integrated ballistic protection.

Rheinmetall has developed special light technologies that can be applied to fixed and rotary wing airborne platforms. Various survivability solutions based on these technologies have been designed and qualified to protect the relevant aircraft sections like

- Cockpit floor
- Cockpit side
- Cockpit front
- Pilot seats
- Vital parts

For the mounting of the modules, new fixing elements were developed and qualified.





### QUALIFIED PRODUCTION

Rheinmetall's production meets the high quality standards of the aviation industry and is certified in accordance with EN9100.



**Rheinmetall Protection Systems GmbH**

Pützchens Chaussee 58 a · 53227 Bonn · Germany · info-rps@rheinmetall.com · www.rheinmetall.com