Material and Aerostructure Solutions for Unmanned Aerial Vehicles

- **Lightweight**
  - High stiffness-to-weight ratio
  - Enhanced flight endurance
  - Payload expansion
  - Increased range
  - Lightweight construction with additive manufacturing

- **Reliable**
  - Industry experts
  - Safe and reliable air traffic communication
  - Material sustainability
  - Extreme condition operations

- **Affordable**
  - End-to-end tooling to structures
  - Lifecycle cost
  - Manufacturing automation
  - Higher production rates
  - Integrated structures

Composites are at the heart of aviation
What makes Hexcel composites your ideal material solution?

Benefits of Hexcel’s Advanced Composites:
- Complex designs
- Advanced manufacturing methods
- Quick-cure and out-of-autoclave solutions
- Infusion, additive manufacturing, and aerostructures
- Superior strength and lifespan
- Non-corrosive
- Impact resistant
- Lightweight and temperature tolerant
- Scalability and agility
- Tooling and compression molding
- EMF shielding
- Dielectric coating

For more information, contact us at EmergingMarkets@hexcel.com