



JETPACK

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**MARTIN JETPACK
COMPOSITE
AIRFRAME**

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MARTIN JETPACK FLY THE DREAM

Martin Jetpack

Composite Airframe

The Martin Jetpack composite airframe has been developed using the latest composite technologies. The use of composite materials is essential to meet the unique demands of a jetpack. Each component or assembly has been engineered to be light weight, strong and rigid. The composites structures account for less than 30% of dry machine weight.

Key Manufacturing processes

- > Prepreg
- > Resin infusion (V.I.P)
- > Vacuum bagging
- > Rapid manufacture tooling

Specifications:

Ducts	Carbon fibre, aramid fibre, honeycomb core, epoxy resin
Fans	Epoxy prepreg carbon fibre, aramid fibre, foam core
Main Beam	High modulus carbon fibre, foam core
Spine	Epoxy prepreg carbon fibre.
Fuel tank	Carbon fibre, Kevlar, fuel resistant epoxy resin
Undercarriage	Carbon fibre, epoxy resin, aluminium alloy
Engine heads	Carbon fibre, high temp flame resistant vinylester resin
Airboxes	Carbon fibre, epoxy resin

fly the dream