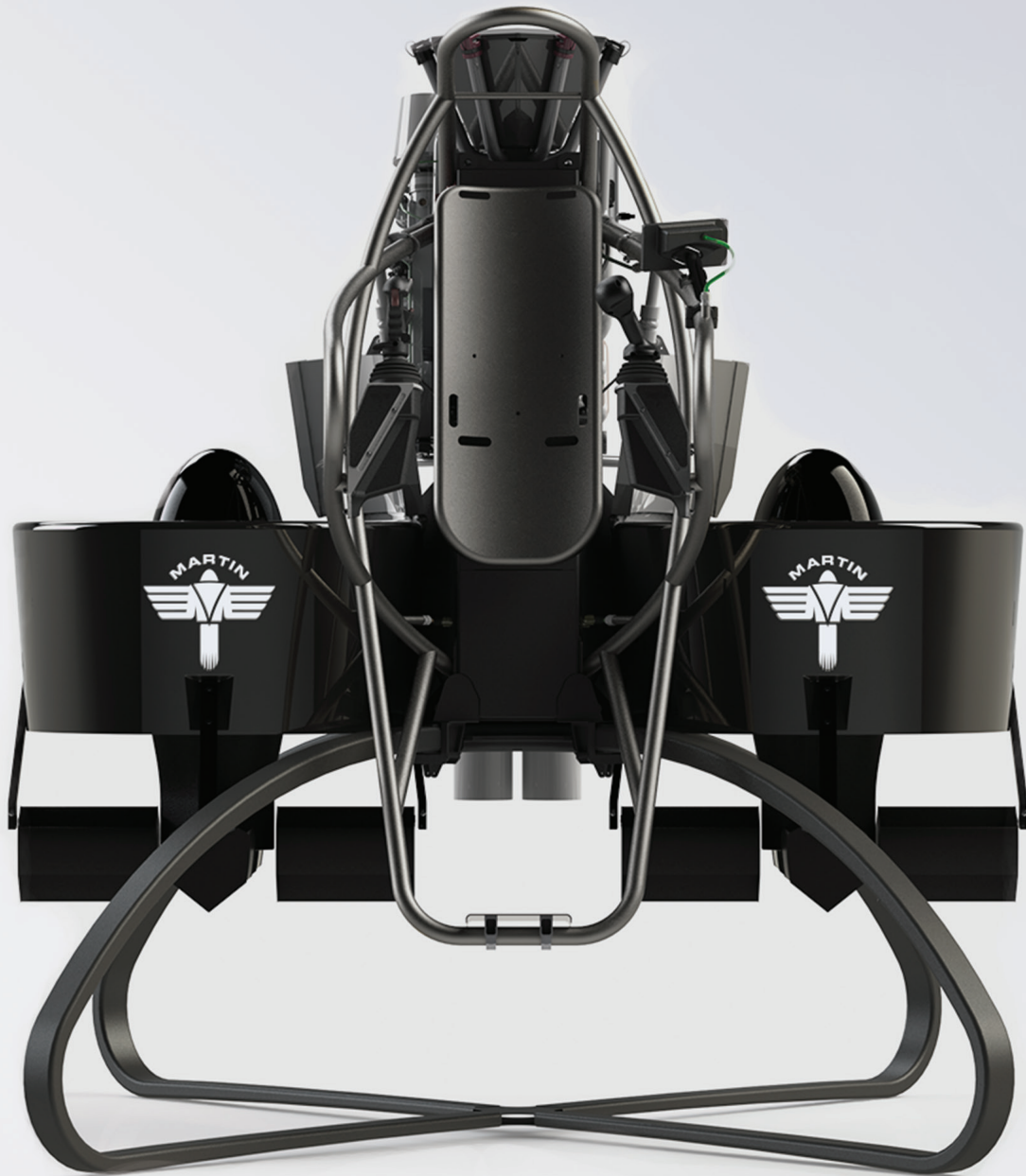




MARTIN
JETPACK



SAVING LIVES

As the world's first practical jetpack, the Martin Jetpack is set to revolutionise the industries of first responder, aviation, recreation and transportation.

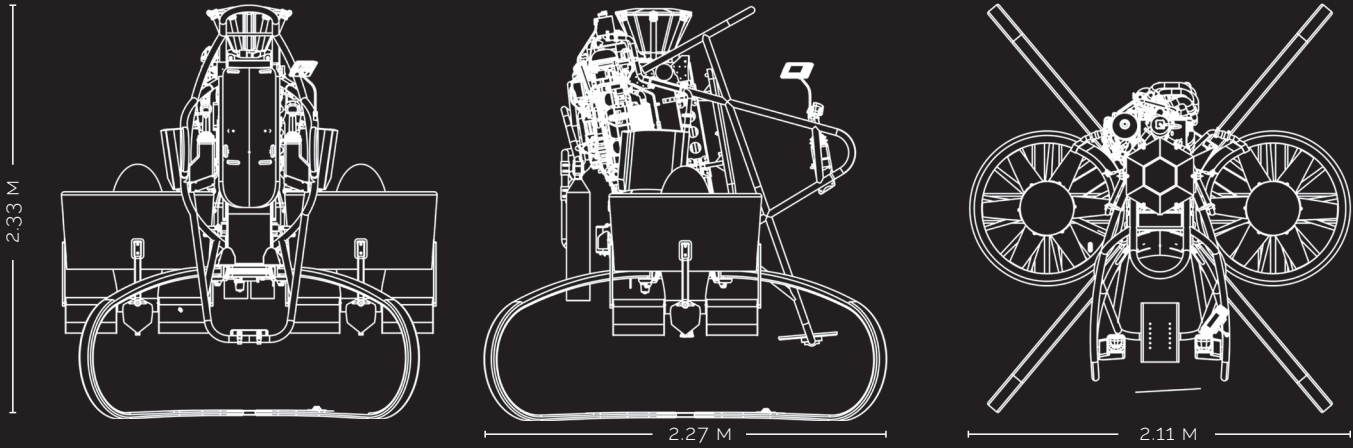
This inspirational and versatile aircraft solves problems that others cannot with its ability to land on rooftops covered with aerials and wires, fly into tightly confined areas or providing an economic and practical alternative to traditional helicopters. It provides the First Responder community a new set of operational capabilities enabling them to respond tactically to save human lives.

www.martinjetpack.com

TECHNICAL SPECIFICATIONS

SERIES 1 – ESTIMATED

Following ongoing validation of the Series 1 Martin Jetpack design, adjustments have been made to certain of the original proposed capabilities. It should be noted that these technical specifications are based on current engineering estimates. Actual technical specifications will be confirmed on completion of the Prototype 14, which forms the basis of the Series 1 aircraft, build and subsequent live testing.



General Characteristics

TYPE	Experimental Airworthiness Certificate
OPTIONALLY PILOTED	Single pilot or payload
AIRCRAFT EMPTY WEIGHT	+/- 230kg
PAYLOAD AT FULL FUEL (PILOT + EQUIP)	100kg
ENGINE	200hp. 30-hour time between overhaul.
FUEL CAPACITY	40 litres

Composite Airframe 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

Performance

RANGE	15km – 20km
ENDURANCE (FLIGHT TIME)	28 minutes
AIRSPEED	40km/h
CEILING	2,500 ft AMSL (payload 100kg)

Other Specifications

FUEL AND OIL	Runs on automotive gasoline
STARTING	Excludes on board starting function
COMPUTER AIDED STABILITY	"Fly by wire", no-pilot-control-input produces a zero air-speed hover
BALLISTIC PARACHUTE	Ultra low level opening Ballistic chute integrated into the FCS and EMS
PILOT PROTECTION	Protective pilot module and structural protection