# Open air eVTOL demonstration from teTra aviation

## Mk-5 Specification

These specifications will be updated according to Series Number(SN)

Note : The delivery model will be SN5 or larger number model

**General Specifications**

**Description**

Single seat eVTOL Kit-Plane Full Electric

**Classification**

Homebuilt / Experimental (USA)

**Controls**

Joystick, fly-by-wire electrical controls

**Structure**

Aluminum + CFRP (SN2)

CFRP/Vinemid combined crumble cabin (SN2)

**Safety**

Dual-FC redundancy (SN2)

Triple-FC redundancy(SN3)

Fault-tolerant 32 fixed lift motts

4 redundant airman pairs

Ballistic parachute (SN5)

**Operator (Single)**

174 lbs (SN2)

280 lbs (SN3)

**Size**

8629 mm wide 6750 long 2510 mm high

**Weight**

488 kg (empty) (SN2)

567 kg (MTOW)

**Battery**

13.5 kWh (SN2)

**Range**

76 km (SN2) 151 km (SN3)

Static thrust (max)

V-Prop 774 kgf H-Prop 751 kgf (SN2) H-Prop 125 kgf (SN3)

**Performance (Max. Take-off Weight)**

Cruise Speed 188 km/h (SN2)

Cruise Speed 144 km/h (SN3)

Stall speed 8 mph

teTra aviation corp.

https://www.tetra-aviation.com

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