

Open air eVTOL demonstration from teTra aviation

Mk-5 Specification

These specifications will be updated according to Series Number(S1)
Note: The delivery model will be S1S or larger number model

General Specifications

Description

Single seat eVTOL, 86-Plane Full Electric

Classification

Homebuilt / Experimental (EASA)

Controls

Joystick, Fly-by-wire electrical controls

Structure

Reinforced + CFRP (S1S)

CFRP/Carbon fiber reinforced plastic (S1S)

Safety

Dual-FC redundancy (S1S)

Triple-FC redundancy(S1S)

Fault-tolerant 32 tied lift wires

4 redundant motor pairs

Ballistic parachute (S1S)

Operator (Single)

174 lbs (S1S)

200 lbs (S1S)

Size

9520 mm wide 6550 long 2530 mm high

Weight

485 kg (empty) (S1S)

967 kg (MTOLO)

Battery

13.5 kWh (S1S)

Range

76 km (S1S) 93 km (S1S)

Static thrust (max)

V-Prop 774 kgf H-Prop 751 kgf (S1S) H-Prop 125 kgf (S1S)

Performance (Max Take-off Weight)

Cruise Speed 180 km/h (S1S)

Cruise Speed 194 km/h (S1S)

Stall speed 8 mph

teTra

teTra aviation corp.

<https://www.tetra-aviation.com>



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