

MINI BEE AIR AMBULANCE

HAMZA FOUATIH ©

TRL0 to TRL3 – Projects review

TRL3 – 2018/2019



Marketing



Aeronautical simulation VTOL



Propulsion
Concept, cabin and structure



Projet and certification
Concept review



Specifications and Numerical
Mock-up



Aeronautical studies
Engines, structures

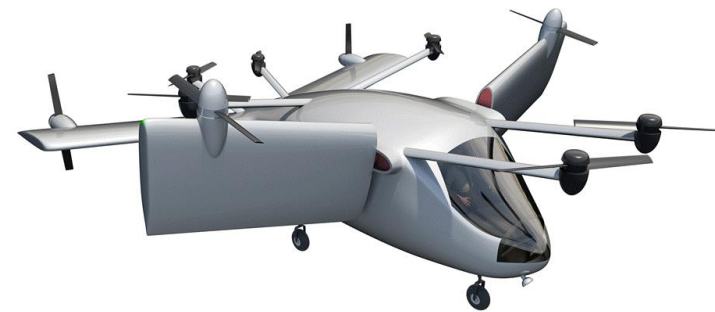


Specifications and Numerical
Mock-up

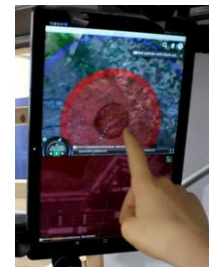


Steering wheel

Bourget 2019



Wings



Structure and tilts



3D Flight path

TRL2 – 2017/2018



Aeronautical simulation VTOL



Propulsion
Concept, cabin and structure



Numerical Mock-up



Aeronautical studies
Engines, structures



Numerical Mock-up



Equipements



Sensors



Steering wheel



Materials

3D Flight path

Wings



Structure and tilts



Marketing

TRL1 – 2016/2017



Aeronautical simulation



Propulsion
Concept, cabin and structure



FIGURE 4 – MINI BEE V5.1 (2015), POLITECNICO DI TORINO



Aeronautical studies



Equipements



Steering wheel



Sensors



Concept and rotor tilts



Accoustics
Blades



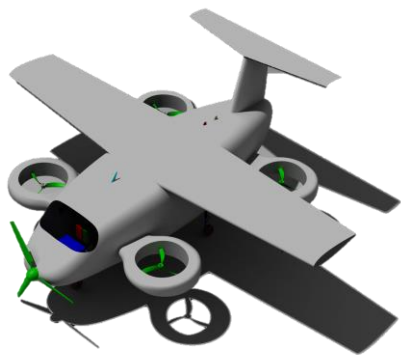
INSTITUT NATIONAL
DES SCIENCES
APPLIQUÉES
ROUEN

Seats



Landing gear

TRL0 – 2015/2016



Modular Aero Simulation



Structure and aeronautical studies



Concept and shape



Propulsion and energy

Industrial Property

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