

ExSTOL

New UAV able to stay in the air more than 50 hours and to take off and land on short distance and unprepared surface.

ExSTOL : Extrem Short Take Off and Landing



MAIN CHARACTERISTICS ARE :

- Landing in 90 m (DF15)
- Takeoff in 98 m (DF15)
- 200 hp (2 Trident engines of 100 hp each)
- Empty weight 650 kg
- Payload 400 kg (Payload + Fuel)
- Max load 1050 kg (MTOW)
- Wingspan 8m
- Minimum speed: 36km/h
- Maximum speed: 280 km/h
- Endurance:
 - 52 h (with 50kg payload)
 - 20 h (with 250 kg payload)
- Scale model flying with a wingspan of 3.2 m

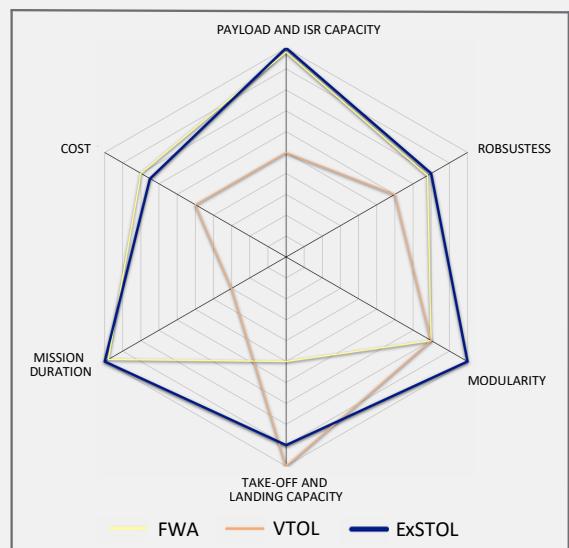
make life easier, more efficient, and more productive.



ExSTOL UAV CONCEPT HAS BEEN PROVEN THANKS TO :

- CAD analysis;
- CFD and 2400 simulations;
- Wind tunnel test (total 8 weeks);
- 20 flights at reduced scale;
- Two patents have been filled.

UAV VECTOR TYPE COMPARISON



We are now looking for partners to move forward to the next step of this project.

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