

SUPAERO
Toulouse, France



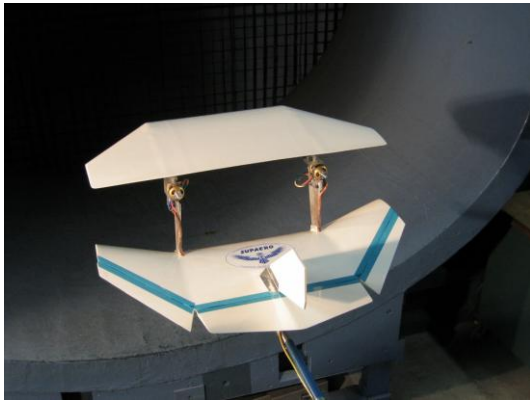
TYTO MAV

- Origin
- Specifications
- Results



Origin of Tyto

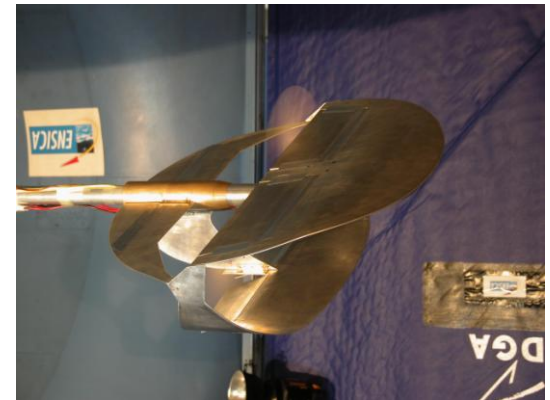
- Experimental research on biplane configurations lead in SUPAERO Aerospace Laboratories



Avilent 2005



BiPlan 2006



Tyto 2006/2007

TYTO Specifications

Wingspan: 306mm

Mass: 235g

2 elevons control

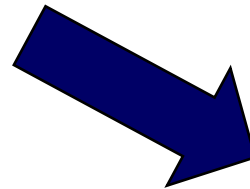
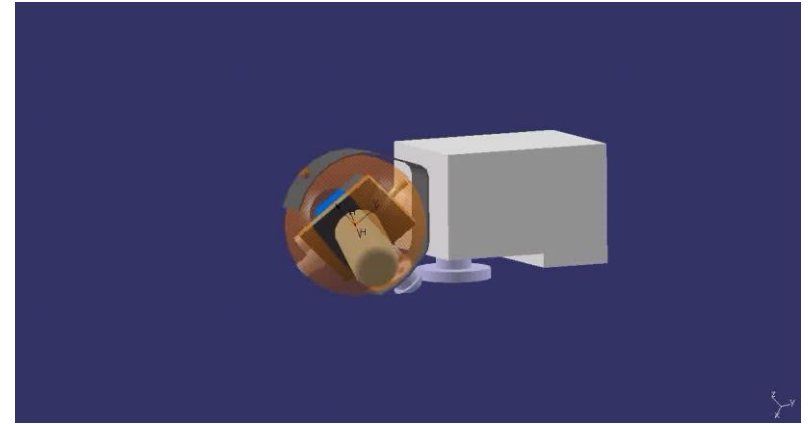
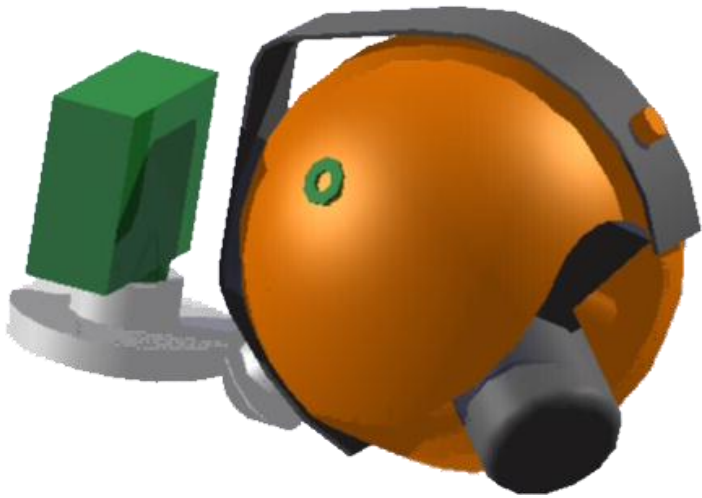
Two counter rotative propellers

Paparazzi Sytem inside



Payload

2 axis CCD camera onboard



Results

Minimum Speed: 5m.s^{-1}

Maximum Speed: 18m.s^{-1}

Cruise Speed: 10 to 15m.s^{-1}

Flight endurance: 10 to 20 minutes

Autonomous Flight performed with 10m.s^{-1} wind

