

FLYING ROBOTS

Flying Robots

The Team

- Paraddax : worldwide recognized in extreme flights in paragliding.

www.paraddax.com

- Data-Tools : worldwide recognized in satellites ground segments.

www.data-tools.com

UPPS Prototype 1

Film DV

Film Wm

Film AVI

A VERY POSITIVE MARKET STUDY



VISION

Flying Robots

- “Within 10 years UAVs will be operated within Civilian Airspace on behalf of many Civilian & Commercial Missions”
- « Disruptive Innovation » ☺

UPPS



- **MULTIPLE APPLICATIONS**
- **MULTIPURPOSE PLATFORM**
- **HIGH PAYLOAD/ACTION RANGE**
- **LOW COST**
- **EASY MAINTENANCE**
- **EASY TO USE**
- **TOP SECURITY**

MULTIPURPOSE PLATFORM

- Night and day observation with infrared and visible high resolution stabilized camera
- Pollution control
- Earth and Sea observation : petrol, animals, etc
- Fires : infrared detectors
- Agriculture : satellites calibration
- Human rescue : safety jackets, food kits
- Etc...

HIGH PAYLOAD / ACTION RANGE

Up to 250 kg payload

Up to 4 000 m

Std 24 h flight duration, extendable

150 Km range

From 600 to 1000 km travel capability.




LOW COSTS

- **Starting from 90 K€**
- **Very low maintenance.**
- **Easily trained flight and ground station Team**



EASY MAINTENANCE

- **Hot line**
 - **All standard components**
 - **PC architecture**
 - **Standard two or four strokes engine**
 - **Standard fuel**
 - **Standard wing**
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EASY TO USE

- **A non specialist can run a mission from the taking off to the landing**
- **Very easy to transport (small and light).**
- **Short taking off and landing**
- **Manual and / or Automatic flight**
- **Doesn't need a landing track**

SECURITY

- Due to our extreme flying experience (AI)
- Due to the civil application :

Triple GPS localization

Ballistic parachute

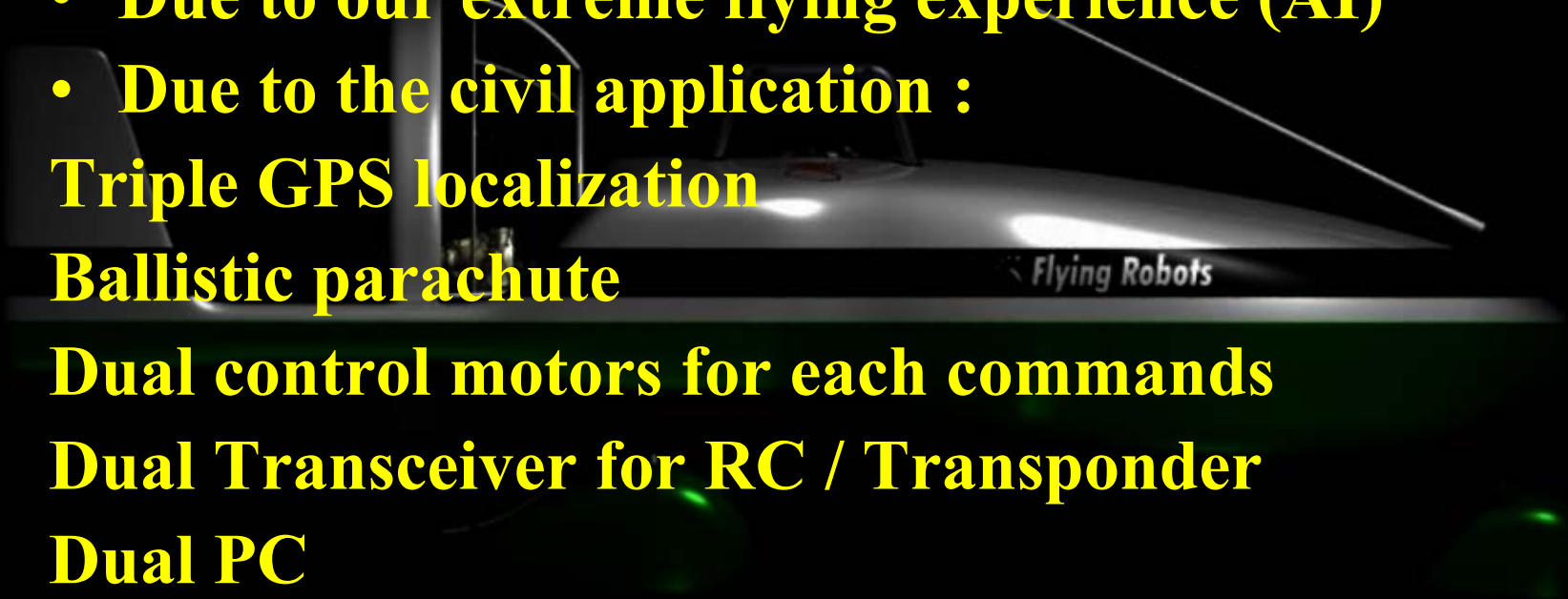
Dual control motors for each commands

Dual Transceiver for RC / Transponder

Dual PC

Recovery mode: return home or programmed behavior in case of communication failure

Extreme low landing speed. (mv^2)





FLYING ROBOTS

A green and white flying robot is shown against a blue background. The robot has a large propeller at the back, a landing gear with two wheels, and a fuselage with a green frame and white sections. The text 'FLYING ROBOTS' is visible on the side of the robot. The robot is suspended by several thin cables.

10a, Rue Kellermann

67300 Schiltigheim

France

+33 3 88 19 99 96

+ 33 6 80 60 94 88

www.flying-robots.com











Disruptive...isn't it !

PARADDAX



 retour



DATA-TOOLS

