SkyBox Engineering Ltd. is a SME, Spin-Off Company of the University of Pisa, that carries out industrial researches and advisory activities, particularly in aerospace and in the configurations of innovative aircraft. The business organization consists of a Direction unit composed of 3 directors which directly control and manage the activities of the others 3 company business unit:

- Research and Development unit;
- Technical Advisor unit;
- Administrative unit.

Company name: SKYBOX ENGINEERING S.R.L.
Location: PISA (PI), Via San Biagio 49, 56124
Fiscal and VAT code: 01938540505
Established: Since 2009
Legal form: LIMITED LIABILITY COMPANY (LLC, SRL)
Internet site: http://www.skyboxeng.com/
NACE Code: 71.12
Sector: AVIATION AND AEROSPACE ENGINEERING
Spinoff: Università di Pisa
PMI, Requirements for technological innovation: Qualified team and IP

- Turnover Value: **250 K**
- Subscrite Capital: **10,2 K**

**NO**
Female, Foreign or Young Predominance
The founders of SkyBox Engineering is a group of researchers of the Aerospace Engineering Departement of Pisa University. They have a common background on the design of box-wing aircraft, known as PrandtlPlane.

The business organization consists of a Direction unit composed of 3 directors which directly control and manage the activities of the others 3 company business unit: Research and Development unit, Technical Advisor unit, Administrative unit.

The Research and Development unit mainly focuses on research projects funded by external bodies, as well as internal research activities in the development of innovative products and services, patents and scientific publications.

The Technical Advisory Unit manages and executes contract research projects for industry customers, not just the aeronautical industry. The main activities concern:

- Structural analysis: linear and nonlinear static analysis, dynamic and modal analyzes, rotographic and thermal analysis, fatigue design of metal components, analysis of fracture mechanics, composite structure analysis;
- Support in experimental activities and design testing: Static and fatigue testing, Wind tunnel testing, Naval test, Flight tests.

The Administrative unit, composed of a person exclusively dedicated to this purpose and a member of the directorate, supports in a constant manner the technical activities and, in addition to the administrative tasks, deals with management support in the definition of strategies, in research and in the consolidation of partnership in the analysis of funding opportunities and incentives for research and development in the promotion/participation in marketing initiatives and networking, as well as in research training opportunities and growth of the company staff.

info@skyboxeng.com
skyboxengineering@pec.it
CORE COMPETENCIES AND COMPANY PROFILE

- CAD/CAE design
- Aerodynamic analysis
- Flight Mechanics analysis
- Structure design
- Non conventional aircraft
- Photovoltaic systems and wind turbine
- Propeller performance
- UAV design

2009. Foundation
2010. Ranking 3th at “Premio Vespucci per l’innovazione”
2011. Partner of the IDINTOS project together with the University of Pisa
2012. Founder of “Zefiro Ricerca & innovazione”
2012. SkyBox registered as Spin-off company
Title: BALL JOINT FOLDING SYSTEM FOR WINGS DI LIGHT AIRCRAFT  
Ownership: SKYBOX ENGINEERING SRL  
Inventor: Vittorio Onion, Frediani Aldo, Rizzo Emanuele  
Application number: FI2011A000074  
Italian Patent No. 0001405149  
Filing date: April 15, 2011

Title: IMPROVED STRUCTURE OF AIRCRAFT CART  
Ownership: UNIVERSITY OF PISA/TUSCANY REGION  
Inventor: Vittorio Onion, Frediani Aldo, Oliviero Fabrizio, Rizzo Emanuele, Romagnoli Mauro.  
Italian Patent No.102015000055523  
Application number: PI2013A000014  
Filing date: March 5, 2011

Title: CONVERTIBLE TO DOUBLE MOBILE WING  
Ownership: SKYBOX ENGINEERING SRL  
Italian Patent No. 0001428819, 2017

Title: TILTROTOR WITH DOUBLE MOBILE WING  
Ownership: SKYBOX ENGINEERING SRL  

FOR FURTHER INFORMATION
### INTERESTS

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<thead>
<tr>
<th></th>
<th>Customers</th>
<th>Lender / Investor</th>
<th>Partner university</th>
<th>Business partners</th>
<th>Technical support figures</th>
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### SALE CHANNELS

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### MARKET GEOGRAPHIC AREA OF INTEREST

- **Italy**
  - CAMPANIA
  - EMILIA-ROMAGNA
  - LOMBARDIA
  - PIEMONTE
  - TOSCANA
- **Abroad**
  - European Union
  - other European countries