



RAV Composite Manufacturing







- THE COMPANY
- ☐ AWARDS AND QUALIFICATIONS
- ☐ LAYOUT & FACILITY
- CAPACITY
- ORGANIZATION CHART
- PRODUCTION SAMPLES
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#### The Company

- RAV is specialized in high quality composite components manufacturing aerospace, marine, automotive and rail
- The Company manages CFRP complex and light sections as well as multidimensional sandwich structures, combining the medium-sized company flexibility with a strong customer oriented vision working to ensure quality, on-time delivery and competitiveness







#### The Company

- Company mission is "creating innovative and affordable composite system solutions using advanced composite materials and processes. As enablers of new technologies and market applications, we promote growth through collaboration with our customers and strategic partnerships"
- RAV is an AS 9100-2009 & EN 9001-2008
   certified company able to manage the production flow through a modern ERP system and the engineering activities using the modern software Dassault CATIA V5







#### The Company

- RAV is based in Brindisi Apulia region south of Italy - well connected with two ports (Brindisi & Taranto) and two airports (Brindisi & Bari).
- The industrial site is one of the most important italian aerospace cluster where insist the international big players AleniaAermacchi, AgustaWestland and GE-Avio.







#### **Awards and Qualifications**

- UNI EN ISO 9001:2008
- UNI EN ISO 9100:2009
- Main Customers:
  - LEONARDO ELICOTTERI
  - LEONARDO AEROSTRUTTURE
  - LEONARDO VELIVOLI
  - MECAPLEX
  - TAI
  - PZL



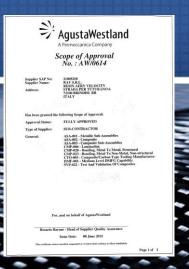


#### **Awards and Qualifications**



- UNI EN ISO 9100
- UNI EN ISO 9001
- BAC 5317-4
- BAC 5578
- TPS 9042 75054
- NTA 75762 -94051
- AWPS001X/Q
- SVP 022
- STA 110K 0057
- STA 100-84-58
- WHPS 275/319

























**Layout & Facility** 



Clean Room D

According to class 100.000 Awards BAC5317-4 BAC5578





**Layout & Facility** 







Autoclave 6.0 x 2.0 mt









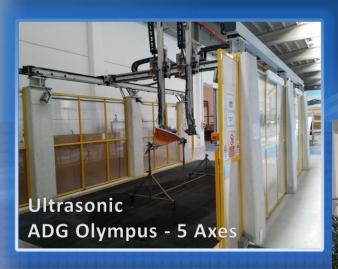




























#### Capacities

- Materials
  - Carbon fiber, Glass fiber, Kevlar & Honeycomb
  - Prepreg
  - Aluminium
- Design
  - Material & Concept Design
  - Specification Test
  - Component Configuration
- Technology
  - Wet lay-yp
  - Lamination
  - CNC milling







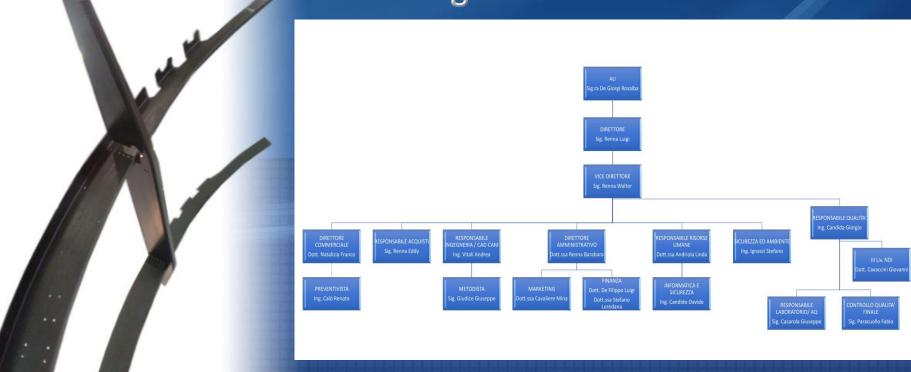
#### Capacities

- Metal & Composites parts and assemblies manufacturing
- Master Models
- Lay-up Tools
- Bonding Tools
- Drilling & Cutting Masks
- Destructive controls: Chemical, Thermal-DMA, DSA, TGA, Mechanical "MTS insight" lab-press, ultrasonic, dye penetrant-Rheometer
- NDT: control UT via automatic /manual controls in transparency, pulse echo, phased array, pitch-catch, tapping





Organization Chart









**Production Samples** 

















#### Contacts

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