

ANDALUCÍA
AEROSPACE
CLUSTER EMPRESARIAL





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Andalucía Aerospace

Who are we?

Andalucía Aerospace Cluster is a private association created to represent all the aerospace companies of Andalusia.

Our members belong exclusively to the private sector and although we gather a considerable amount of companies our goal is to keep growing.

Our mission



Strengthening the local companies as a cluster in the aerospace market



Promoting synergies between our members



Fostering technological development inside the industry



Helping our members reinforce their **international presence**



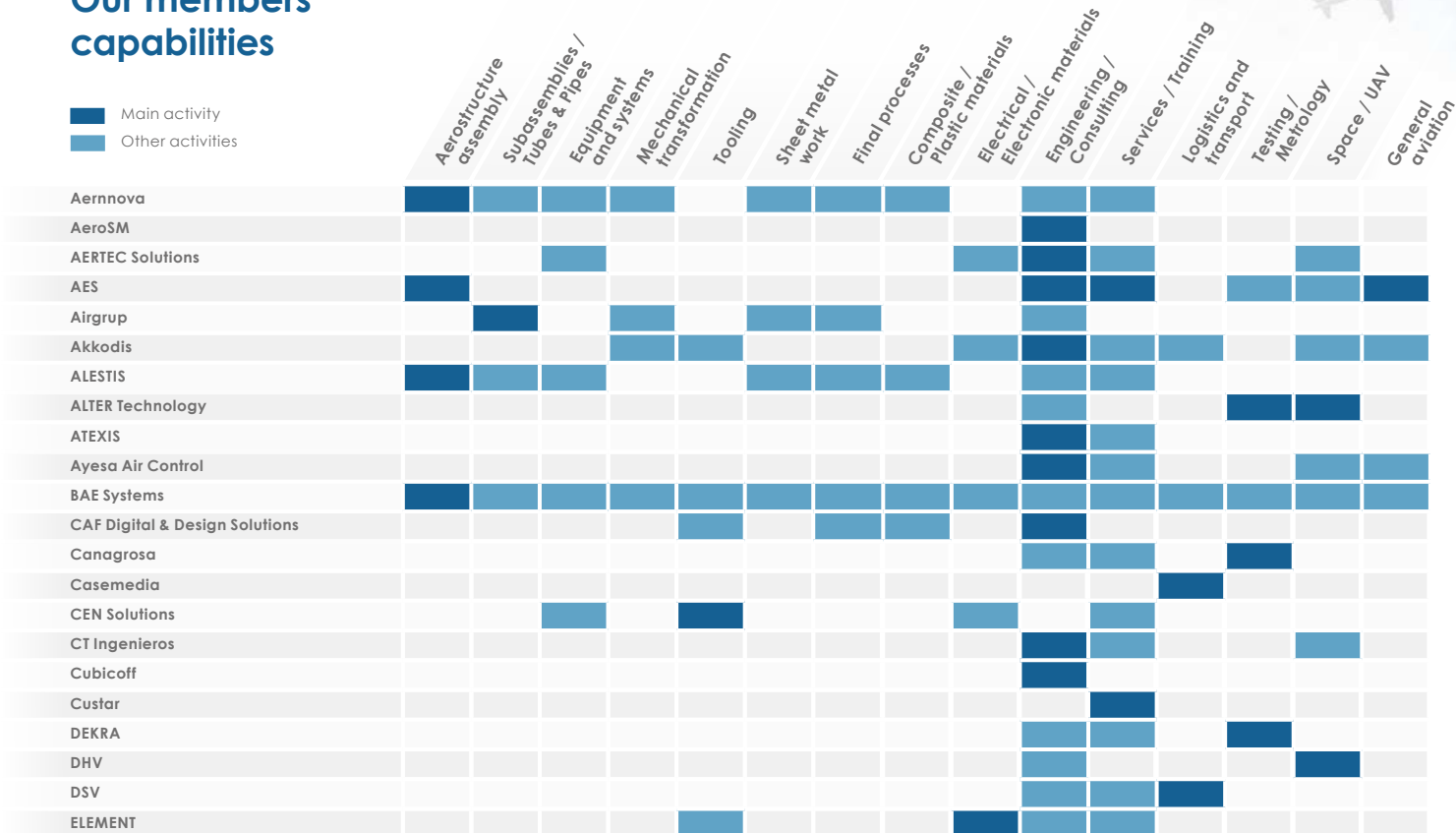
Providing qualifying & training for the industry workers



Institutional representation on behalf of the local companies

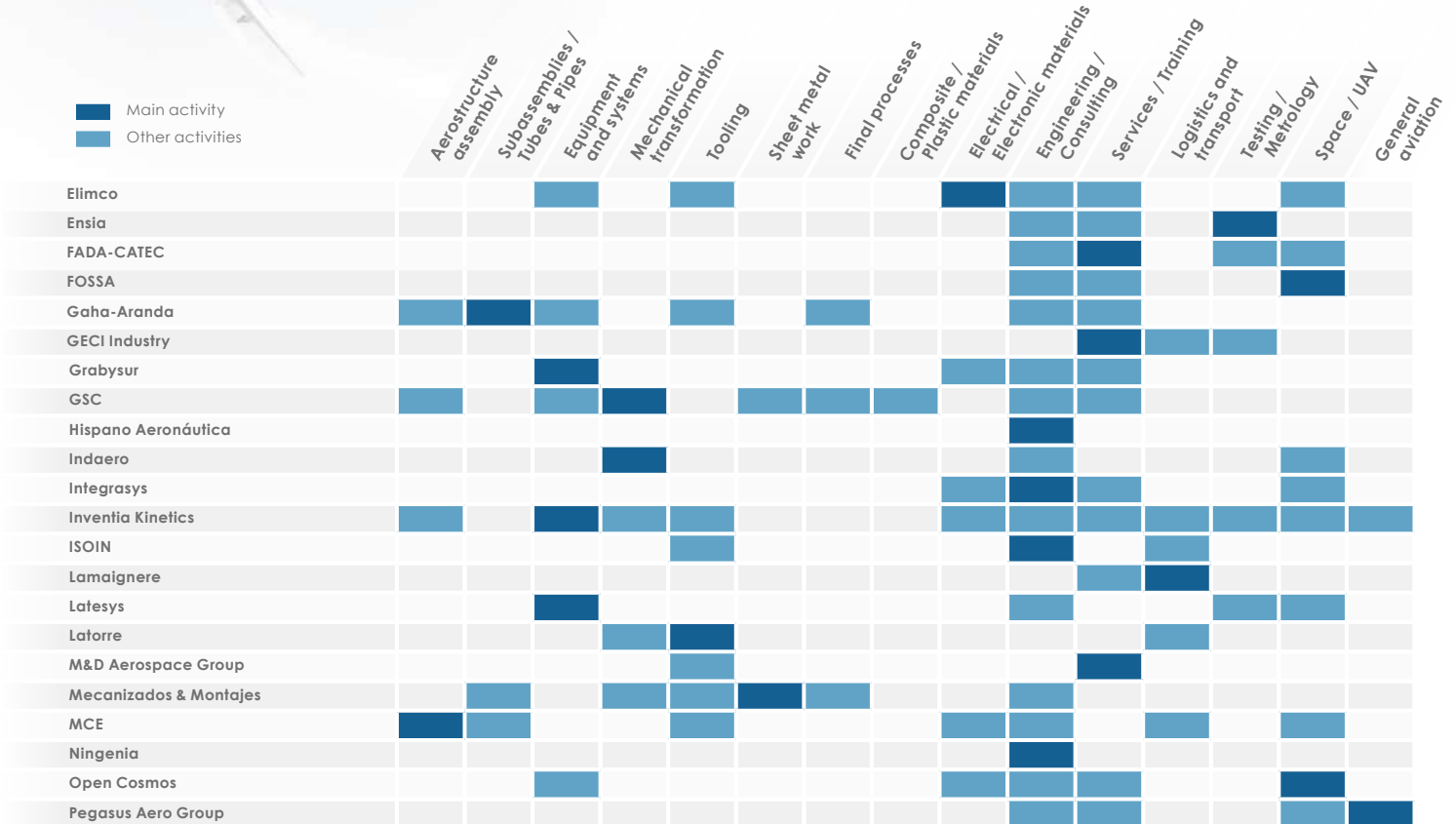
Our members' capabilities

■ Main activity
■ Other activities





Main activity
 Other activities





	Aerostructure assembly	Subassemblies / Tubes & Pipes	Equipment and systems	Mechanical transformation	Tooling	Sheet metal work	Final processes	Composite / Plastic materials	Electrical / Electronic materials	Engineering / Consulting	Services / Training	Logistics and transport	Testing / Metrology	Space / UAV	General aviation
Pérez Cardoso					■					■					
Rhenus Logistics									■	■	■				
Rovimática		■							■	■		■	■		
Ryanair SIAM										■					
SATYS						■				■					
Serveo									■	■					
SGS									■	■			■		
SimeTrycal									■				■		
SIMGI			■	■	■										
Sintersa		■			■			■					■	■	
Skylife						■		■	■	■					
SOGECLAIR									■						
Solar MEMS								■		■				■	
STUDEC									■	■	■				■
Sur'Avian										■					
Titania									■				■		
Torsesa				■						■					
Tratercom										■		■	■	■	
TRC Aeronáutica			■				■			■					
Trescal									■	■			■		
TRIGO									■	■			■		
3JI&T									■						
4i									■						

An aerial, high-angle photograph of a paved road that curves through a vast, hazy landscape. The terrain is covered in low-lying vegetation and appears to be a valley or a mountainous region. The sky is filled with soft, white clouds, creating a diffused light across the scene. The overall color palette is muted, with greys, whites, and soft blues, giving it a serene and somewhat ethereal atmosphere. The word "Catalog" is superimposed in the center of the image in a bold, dark blue font.

Catalog



Aernnova is a global aerostructures company providing **integrated management of aircraft large sections and assemblies** (metallic, kevlar, glass fibre and carbon.) Also, Aernnova **provides engineering services, metallic and composite parts as well as repair and product support servicing.**

Aernnova's main objective is to ensure customer satisfaction by meeting deadlines and profitability guarantee.

Aernnova designs and/or manufactures aerostructures for more than 20 programmes for the world's leading manufacturers (**OEM**).

Main activities

Design and manufacture of aerostructures (composite and metallic)

Wings / Fuselage sections / Empennages / Secondary structures.

Product engineering

Conceptual and preliminary design and calculation / Detail design and calculation / Testing and certification / Support services.

Process engineering

Aerostructure assembling and handling systems / Machinery for composite components / Manufacturing / Conventional jigs and tools.

Other activities

Composites

ATL Technology / HLU Technology / RTM and infusion / Filament winding.

Metallic components

Machined parts / Surface treatments / Sheet metal parts.

Product support

Spare parts / Technical support / Repair service - MRO / Support during product development.

	Daniel Erice
	daniel.eric@aernnova.com
	+34 954 11 50 50
	Seville
	www.aernnova.com

Programmes

Airbus A320 / A330 / A350 XWB / A380 / A400M / A220 / **Airbus Helicopters** Tiger / NH90 / **Boeing** B737 / B777 / B787 / **Embraer** ERJ145 & E170 / E175 / E190 / KC-390 / **Eurofighter** / **Sikorsky** S-92

Certifications

- ISO 9001
- EN9100
- EN9110
- EN9120
- ISO 14001 ES
- EASA 21J
- EASA 21G
- EASA145
- FAA-145
- AQAP 2110-2310
- Nadcap CP / COMP / NDT



AeroSM, founded in 2019, is an **aerospace and defence consultancy firm for global business strategy and development.**

AeroSM brings a high level of market experience to support companies in the areas of **business strategy, business development and intelligence, national and international contacts** with leading OEMs, Tier 1 and MRO customers, helping companies from the opportunities identification to the development of the offering and its final negotiation.

Main activities

Consultancy

Market access / Alliances with partners and customers / Customers definition / Guide to negotiations / Access to major accounts / Support up to delivery.

Other activities

Search for funding

Search for partners

Support with grants

Search for suppliers

 Joaquín González Stetzelberg

 jgs@aerosm.com

 +34 670 349 061

 Seville

 www.aerosm.com



Programmes

Commercial aviation / Military aviation
Civil aviation / Space / Military projects

Certifications

- EN 9001
- EN 9120

AERTEC



AERTEC Solutions is an international **engineering and consultancy** firm specialised in aeronautics, which carries out its activities in **airports, the aeronautical industry, aerospace and defence systems, and RPAS**.

It is a preferred supplier (Tier 1) for manufacturing engineering and programme management services to the Airbus Group for its civil and military aircraft. In Airbus programmes, it participates in the design and development of onboard equipment and systems.

AERTEC Solutions has its own in-house designed and proprietary technology lightweight tactical RPAS, for observation and surveillance applications.

	Antonio Zafrá
	ajzafrá@aertecsolutions.com
	+34 951 010 200
	Malaga
	www.aertecsolutions.com
	

Main activities

Aerospace Industry

Aircraft design / Facilities and processes design / Manufacturing engineering / Planning production control and coverage / Tooling / Quality services / Test systems engineering / MRO services / Projects and programmes management / Software applications for the aviation industry.

Industrial Digitisation

Technological developments for engineering / Technological developments for production / Smart Testing Network.

Systems

Avionics / Aircraft electrification / Certifiable on-board software / MBSE / GNC systems.

UAS/RPAS

Unmanned Aerial Systems / Ground control systems (GCS) / Mission Systems / UAS simulation environments.

Airport life cycle

Airport consultancy services / Airport planning and design / Operation services / IT systems for airports.

Programmes

Airbus A320 / A330 / A350XWB / A380 / A330 MRTT / A400M / C295 / **Eurofighter** / **Airbus Helicopters** Tiger / NH90 / **Ariane** / **ESA**

Certifications

- ISO 9001
- ISO 14001
- ISO 45001



Aerospace Engineering Solutions (AES), holds a Level 2A EASA Part 21J Approval (EASA.21J.722) and GCAA (DOA/181) Part 21 Design Organisation Approval (DOA).

For over 20 years, **AES** has been at the forefront of integrated aerospace design and certification engineering services, delivering projects ranging from minor engineering changes to full aircraft retrofits for leading airlines, aircraft leasing companies, MROs and OEMs. Headquartered in Braintree, Essex, with satellite offices in Ireland (Shannon) and Spain (Málaga), AES has developed over 3000 modifications and Supplemental Type Certificates (STC) in all aspects of cabin interior, aircraft transitions, exterior, structural and avionics changes for commercial passenger and private aircraft. Within its scope of approval, AES is capable of develop minor and major modifications and repairs to large and small aeroplanes and helicopters cabin safety, structures, avionics and electrical systems & Software RTCA/DO-178C Level E.

Main activities

Modifications and Repairs of Aeronautical Structures (primary and secondary)

- Seat installation and refurbishment, galleys, carpets, overhead compartments, furniture refurbishment
- Redesign and Repair of cabin elements
- Livery and Placards design
- Certification Services for aeronautical components
- MRO Services - Weight and Balance reports

Customized EASA regulations, Part 21 & 145

Training courses

Consultancy services for EASA Part 21 & Part 145 organisations

Modifications and Upgrades of avionic and electrical components

- Installation of radios VHF/HF, TCAS, FDR, CVR, EGPWS, etc.
- Installation of WIFI, In Flight Entertainment System, USB Chargers
- System Reprogramming
- Certification Services DDPs and Software Level E
- Test: Ground, EMI/EMC and Flight
- MRO Services - Electrical Load Analysis and Entry into Service (EIS)

aes
aerospace engineering solutions
AIRCRAFT DESIGN & CERTIFICATION
PART 21J DESIGN

- Lola Lahoz Nogales
- lola.lahoz@aesglobal.co.uk
- +34 611 740 824 / +34 627 236 782
- Malaga
- www.aesglobal.co.uk
-

Certifications

- EASA Part 21J
- GCAA - Civil Aviation Authority of the United Arab Emirates - DOA/181
- ISO 9001:2015



Airgrup is a company focused on manufacturing components for the **aerospace and defence industries**. For more than 75 years, Airgrup has been **committed to three key factors: quality, delivery reliability and management transparency**.

Airgrup is a benchmark in the manufacture of highly complex **welded pipes and ducts, machining** of large structural components and electrical harnesses and modules, with strong engineering capabilities including design, industrialization and manufacturing engineering.

A fully **digitalized** company offering real-time traceability along the whole production cycle, including inhouse capabilities for surface treatments, painting, non-destructive testing, equipping or assembly.

Main activities

Piping and ducting systems

Simple bended tubes / Complex welded ducts and assemblies.

Structural machining and assembly

Electro-mechanical modules

Electrical harnesses / Integration of racks, boxes and equipments.

Other activities

Surface treatments and painting

Aeronautical assembly and equipping

Non-destructive testing (penetrant inspections, magnetic particle and x-ray inspection)

Engineering & design

On-site installation services

Laboratory and calibration services

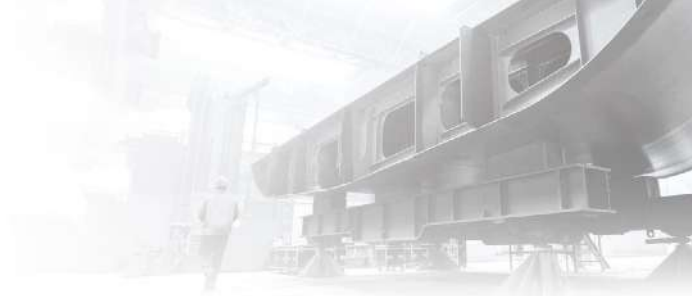
- Raúl Cruz
- raul.cruz@airgrup.com
- +34 954 999 457
- Seville
- www.airgrup.com
-

Programmes

Airbus A220 / A320 / A330 / A350XWB / A380 / A330 MRTT / A400M / C295 / **Boeing** B737 / B777 / B787 / **Bombardier** CRJ-700 / 900 / 1000 / **Embraer** ERJ145 & E170 / E175 / E190 / Phenom 100 / 300 / KC-390 / **Eurofighter** / **Dassault** Falcon 7X / **Sikorsky** S-92

Certifications

- EN9100
- ISO9001
- ISO14001
- PECAL 2110
- Nadcap Special Processes
- Cert. Airbus, Airbus DS, Boeing, Embraer, Bombardier, Sikorsky




Akkodis is the solution for companies that seek excellence in support throughout the entire life cycle of their projects. With an experience of more than 30 years in the aerospace and defence sector, its team of experts is present in all phases of **engineering**, from design and development to **certification, validation and manufacturing**.

Akkodis also offers a comprehensive and personalized operation support service, which includes the maintenance and development of **technical publications**, among other activities. But what sets the company apart is its innovative vocation and its commitment to excellence in customer service. Akkodis combines technical knowledge with the latest advances in digitization to offer unique, efficient and sustainable solutions.

Main activities

Systems Engineering and V&V	RAMS
Certification	Manufacturing, supply chain & quality
High Integrity SW and Digitalization	R&T
HW Design & Testing	
Mechanical & Electrical Engineering	
ILS & Client Support	

-  Natalia González Sánchez
-  AerospaceServicesSpain@akkodis.com
-  +34 91 649 61 90
-  Madrid
-  www.akkodis.com
- 

Programmes

Airbus A320 / A330 / A350XWB / A380 / A330 MRTT / A400M / C295 / **Eurofighter** / **Boeing** B737 / B777 / B787 / **Ariane** / **Airbus Helicopters** Tiger / NH90 / **LTA** C212 / C235 / **FCAS** / **SIRTAP**

Certifications

- AS/EN 9100:2018
- ISO 9001:2015
- ISO 45001:2018
- ISO/IEC 2700
- TISAX
- AQAP 2110:2016
- PECAL 2110 ED.4
- AQAP 2310:2017
- PECAL 2310 ED.B-V1



Alestis Aerospace is a company that is part of the ACITURRI Group. **It's a supplier of OEM's (Airbus, Embraer, Boeing) and large Tier 1's** with the capacity to conceive, design, develop, certify, manufacture, assemble, deliver on the Final Assembly Line (FAL) and offer a service of customer service in a competitive and long-term manner. In addition, it has the capacity to manage and transfer off-set packages anywhere in the world, developing optimization projects, design and process improvements, as well as cost reduction.

Alestis Aerospace participates, among others, in the most relevant programs of Airbus, Embraer, Boeing and Dassault Aviation. Its core business is the manufacture of composite aerostructures, developing projects for engineering design, development, manufacturing and product support of complex aerostructures. It uses the following technologies: Automated Fiber Placement (AFP), Automated Fiber Lay-up (FLU), Automated Tape Lay-up (ATL), Hand Lay up, RTM y LRI.

	Ángeles Jiménez Guerra
	mangeles.jimenez@aciturri.com
	+34 610 37 27 27
	Seville
	www.aciturri.com

Main activities

Support activities

At the FAL in Toulouse for the A350 XWB program; at Saint Nazaire for A350 XWB/A330; at the FAL in Sevilla and the Maestranza Aérea de Sevilla for A400M; at the A330MRT conversion in Getafe; and at Airbus Canada FAL at Mirabel.

Commercial development of MRO, Services and Training activities

with both civilian and military clients, which led to the EASA certifications Part-145 as an approved aeronautical maintenance company, and EN9110 as a certified aeronautical maintenance management company.

Programmes

Airbus A220 / A320 / A330 / A350 XWB / A380 / A330 MRTT / A400M / C295 / **Boeing** B737 / B777 / B787 / **Embraer** Legacy / KC-390 / ERJ145 & E170 / E175 / E190 / Phenom 100 / 300 / **Dassault** Falcon 10X / **Calidus Aerospace** B250

Certifications

- ISO 9001
- EN 9100
- EN9110 Part 145
- Nadcap Processes: CP (Chemical Process) / COMP (Composites) / NDT (Non-destructive tests) / HT (Heat Treatment) / WLD (Welding) / M&I (Measurement & Inspection)

ALTER

ALTER TECHNOLOGY is the leading **provider of micro and optoelectronics services in engineering, procurement, assembly, and test in space and harsh environment markets.**

ALTER TECHNOLOGY develops and offers **complete turn-key solutions covering front-end engineering test, wafer and dice probing and final test**, as well as wafer sawing, packaging, and assembly. Their services also extend **to equipment and systems testing and certification in fields like small satellites, drones, security, transport, nuclear, etc.**

The organization works with superior technology, breakthrough innovations, and advanced applications to make its partner's work easier.

Main activities

Electronic components	Autumn Analysis
Provisioning	PCB validation (solder verification)
Packaging and Assembly	Microelectronic and RF Design
Equipment and Electronic Systems	Electronic design
Nanosatellites and Cubesats	Product guarantee
Drones	CE marking
Automotive	Certification
Validation and testing	

 David Nuñez
 david.n@altertechnology.com
 +34 954 46 70 50
 Seville
 www.altertechnology-group.com


Certifications

- ISO 9001
- EN 9100
- ISO 14001
- OHSAS 18001
- ISO/IEC17025
- ISO/IEC17065



ATEXIS innovates to enable more sustainable and secure technology for the future of society, helping its customers with the operations and maintenance of complex systems, such as aircraft, ships, or helicopters, from the design phase through to end-of-life or second life. The goal is to make these systems more durable and optimize their lifecycle cost.

ATEXIS, which more than 1,200 employees, is an international company of the ALTEN group, a world leader in engineering and IT services. In Spain, it has more than 450 employees, located at its headquarters in Seville, Madrid and Albacete.

Main activities

Operations

ISS / MRO / Spares Supply / Supply chain.

Maintenance Engineering

RAMS / LSI Engineering.

Training

Training consultancy / E-learning / Customised courses / Content factory: virtual reality, artificial intelligence, augmented reality, 3D modelling, gamification, virtualisation of content and videos.

Technical documentation

Creation / Translation / Technical data management / Publication / Migration and automatization

	Aida Cisneros
	aida.cisneros.ext@atexis.com
	+34 655 576 827
	Seville
	www.atexis.com

Programmes

Airbus A320 / 330 / A380 / A350 XWB / A400M / 330 MRTT / C295 / **Airbus Helicopters** Tiger / NH90 / H145 & H160

Certifications

- ISO 9001 Certification
- EN 9100 Certification
- CEFRI Certification
- The gender equality



AYESA AIR CONTROL (AAC) is the aeronautic division of AYESA, a worldwide company with presence in more than 40 countries and centered in **Engineering, Technology and Consultancy**, with more than 6000 employees.

AAC covers the entire product lifecycle from concept design, analysis and simulations with the most innovative technological standards, test campaigns, certification of products and installations (based on DOA/AODM privileges), manufacturing engineering, maintenance, optimization and digitization and final product support. An additional value added is the digital transformation process optimization and Factory 4.0.

Main activities

Engineering & Certification

Consulting services (manufacturing drawings, installation drawings, machining, sheet metal, composite, analysis and simulation and project management). Systems' Engineering / Minor and major modifications with EASA, FAA or other National Authorities / DOA, MOA, POA & CAMO support / Continuous Airworthiness management / Aircraft Documentation management and update / Manufacturing Engineering / MRO Engineering / Industrialization. Industrial means design & integration / Configuration control. Work and TIs' preparation / Non-conformities resolution / Functional tests benches / Technical support / KPIs/dashboards creation and management using DEMAT / Digital Transformation and Innovation / Part-145 engineering.

Digital Transformation, Process Optimization and Industry 4.0

Lean Six Sigma methodologies combined with State-Of-The-Art technologies / Agile knowledge / Process optimization. Efficient Operative / Big Data and Analytics / Process standardization / Digital Twins and Simulations / IoT and AI Solutions / ERP, CRM, PLM, MES and PMA Solutions.



	Fernando Alzugaray
	falzugaray@ayesaaircontrol.com
	+34 954 467 046
	Seville
	www.ayesa.com/es

Programmes

Airbus A350 XWB / A400M / A330 MRTT / A380 / C-295 / Eurofighter / Dassault Falcon 7x / Ariane / Panavia Tornado / AWACS

Certifications

- EN 9100
- ISO 9001
- ISO 14001
- EASA DOA
- ISO 45001
- PERAM 21 AODM



CAF provides engineering and multidisciplinary consulting services. The company specializes in developing railway vehicle projects, it has experience in other transport systems and in modernizing them. CAF covers the entire lifecycle of the project.

CAF carries out digital projects, based on digitization and additive manufacturing. It performs reverse engineering, optimization for 3D manufacturing, and finite element simulations of these designs and redesigns. In addition, CAF masters post-processing of additive manufacturing parts and hybrid technologies by combining additive manufacturing with fibre and resin lamination.

	Juan Carlos López Rodríguez
	jclopezrodriguez@cafdds.net
	953 64 02 05 / 660 023 187
	Linares (Jaen)
	www.cafdigitaldesignsolutions.com
	

Main activities

Development

Development of railway vehicle projects
/ Development of engineering projects
/ Software development.

Design

3D and 2D design / Tooling design.

Systems engineering

Additive manufacturing

Redesign for additive manufacturing
/ Additive manufacturing FDM, HP
/ Multi Jet Fusion and large format FDM
/ Hybrid manufacturing additive + laminate composite materials.

Other activities

Style development of products or surfaces

Finite element method (FEM) simulations

Final post-processing of parts and assemblies

Painting

Main customers

- AERYS
- Trabajos Aéreos Espejo, S.L.
- Expal Aeronautics

Certifications

- ISO 9001:2015



CANAGROSA is an **industrial laboratory and supplier of integral technical services**. As a leader in physical-chemical testing, process control, calibrations, and comprehensive metrological management within the most advanced industrial sectors, CANAGROSA offers valuable support to global clients throughout every stage of their value chain. In this endeavour CANAGROSA turns Quality into Excellence.

- Cecilia Alarcón
- cecilia.alarcon@canagrosa.com
- +34 954 115 011
- Seville
- www.canagrosa.com
-

Main activities

Testing laboratory

Control of processes / Products and installations / Environmental testing / On-site testing / Technical reception.

MRO laboratory

Thermal spray coatings / Fluids / On-site testing.

Metrology laboratory

Integral Management / Dimensional / DC and Low Frequency Electricity / Temperature and Humidity / Mass, Force, Torque and Load testing / Pressure / Hardness / Others.

Quality engineering

Consultancy / Test design / Laboratory management and process / Certifications.

Training

Practical training / theoretical / In-house / Online / Customized.

Testing specimens and special products

Panels and test specimens / Special products / Prepared solutions.

Programmes

Airbus A220 / A320 / A330 / A350XWB / A400M / A330 MRTT / A380 / C295 / **Airbus Helicopters** Tiger / NH90 / **Boeing** B737 / 777 / B787 / **Bombardier** CRJ-700 / 900 / 1000

Certifications

- EN 9100-2018
- ENAC 222/LC10176
- ISO 9001-2015
- ENAC 337/LE1870
- ISO 14001-2015
- Nadcap MTL
- Nadcap CP



CASEMEDIA specializes in **developing and manufacturing customized "technical packaging"**. They provide a diverse range of wooden solutions, including export packaging, palletized and/or demountable options, as well as robust boots and chests designed specifically for the Aerospace Sector.

They incorporate **tailored foam interiors into their packaging**, whether it's their own wooden packaging or standard IP67 cases. With a dedication to achieving a fully personalized service, CASEMEDIA treats each project as their own and utilizes all available resources to deliver optimal solutions.

They hold ISO 9001:2015 certification and offer packaging certified to the "ATA300 Category II" specification for transportation, as well as packaging compliant with "UN" regulations for dangerous goods.

Furthermore, all of their packaging is ISPM15 (International Standards for Phytosanitary Measures No. 15) certified, meeting the necessary requirements for phytosanitary export.



	Álvaro López
	alvaro.lopez@casemedia.es
	+34 954 380 624
	Seville
	www.casemedia.es

Programmes

Airbus A400M

Certifications

- ISO 9001:2015
- ATA300 Category II
- ISPM15

CEN Solutions was created In 1994 **to provide services to the electrical industry**, performing its activities in two main business areas: the **manufacturing of Low Voltage and Medium Voltage Switchgears**, and the **industrial services area** to provide complete solutions of electromechanical maintenance in high added value production lines, industry, aerospace sector, and water sector.

The company is located in Seville Free Trade Zone where it has a total area of 37.000m2 and a total human resources of more than 180 people.

As of today, CEN Solutions has an export ration of more than 80% of its production to more than 25 countries.

Main activities

Manufacturing of tooling

Electrical and mechanical design / Conventional and 3D manufacturing / Programming and internal tests / Site implementation
/ Final tests with customer.

Other activities

Equipment and systems

Specific designs of equipment and systems for tests / Automation and process improvement for production lines.

Electrical and electronic material

Supply of electrical and electronic material / Integration of electrical and electronic equipment.

Services

Integral maintenance of production means / Performance of unique electrical installations, either conventional or ATEX / Implementation of vacuum systems / Implementation of compressed air systems, including its automation / Implementation of hydraulic systems, including its automation.

Programmes


Airbus A320 / A400M / C295
/ A330 MRTT / A350 XWB

Certifications

- UNE EN 9100
- ISO 9001
- ISO 14001
- UNE 73.401:1995



 Federico Castañeda

 fcastaneda@censolutions.es

 +34 955 675 128

 Seville

 www.censolutions.es





ENGINEERING
DRIVEN
PEOPLE



CT Ingenieros is an engineering company, leader in **technological innovation** and present throughout the **product life cycle, from conception to after-sales**.

The company has a well-established staff of over 1700 engineers and technicians proud to participate in the most innovative industrial programmes in Europe.

With offices in Europe, America and Asia, it supplies the **major industrial companies in the aeronautical, automotive, railway, naval, industrial plant and renewable energy fields**.

	Luis Flores
	lflores@ctingenieros.es
	+34 955 658 334
	Seville
	www.thectengineeringgroup.com
	

Main activities

Engineering

Production engineering / Systems engineering
/ Calculation engineering.

Support engineering

After-sales support / MRO support.

Design engineering

Tooling design / Structural design.

Other activities

Space

Design and manufacturing (materials and systems).

UAVs, RPAS, drones

Design engineering.

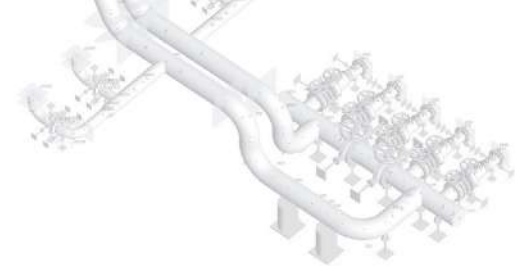
Education and training

Programmes

Airbus A350 XWB / A400M / A320 / A330
MRTT / **Dassault** Falcon 7x / **LTA**

Certifications

- EN 9100
- ISO 9001
- ISO 14001
- ISO 27001



Cubicoff Ingeniería Abierta is an engineering company focused on the personalized resolution of problems into the industry, based on the Integral Management of Projects under the PMP-PMI methodology. Cubicoff investigates the processes, analysing the situation and, based on high-level professionals, it finds the key for solving technical needs.

Cubicoff is focused on strategic sectors such as Aerospace (design, FEM-FEA, simulations, digital twins, etc., for aerostructures and space components), Mining (Mining Services and Transformation Processes), Power Generation (CSP, Combined Cycle, PSFV, Biomass), Recovery Recycling (plastic, paper, cardboard), Chemical Sector or Agribusiness Sector among others. Although the company also innovates in sectors such as Aquaculture or Leather Goods for the Luxury sector.

Main activities

Engineering

- FEM-FEA
- Piping
- Electrical MV/LV

Project Management

 David Pérez Sigüenza

 david@cubicoff.com

 +34 954 673 631

 Seville

 www.cubicoff.com



Programmes

Airbus A320 / C295

Certifications

- ISO 9001-2015
- ISO 14001-2015



Custar is a company specialised in the **custody and storage of information, document management, digitalisation and confidential destruction of information.**

Established in 1987, the headquarters are located in Vitoria, Guadalajara and Aerópolis, the Aerospace Technology Park of Andalusia.

Depending on the needs of each customer, Custar's services include custody and storage of paper and digital files, scanning, file recovery, database generation and confidential destruction of paper and digital information.

Main activities

Document management, custody and storage of hard-copy and digital information

Images scanning and treatment

Destruction of confidential information both in hard-copy and digital media formats

Other activities

Document consultancy

File recovery/retrieval

Translation of aeronautical standards

 Félix Uriarte Ortueta

 felix@custarsl.com

 +34 945 14 78 78

 Seville

 www.custarsl.com

Programmes

Airbus A320 / A330 / A340 / A350 XWB / A380 / A400M / Beluga / **Airbus Helicopters** Tiger / NH90 / EC 135 / **Eurofighter** / **Embraer** ERJ145 & E170 / E175 / E190 / **Sikorsky** S-92 / **IAI** / **ASTRA** / **Bombardier** CRJ

Certifications

- ISO 9001
- ISO 27001
- ISO 14001
- TISAX



DEKRA has been active in the field of safety for more than 90 years. Founded in 1925 in Berlin it is today one of the world's leading expert organizations. **The company employs more than 43,000 people in 60 countries on all 6 continents.**

With qualified and independent expert services, they work for safety on the road, at work and at home. Among them, vehicle inspection and expert appraisals, claims services, industrial and building inspections, safety consultancy, testing and certification of products and systems, training courses and temporary work.

Its vision: to be the global partner for a safe, secure and sustainable world.

Fátima Berjillos

info@lab.es@dekra.com

+34 952 619 820

Malaga

www.dekra.es

Main activities

Electromagnetic Compatibility Testing
Environmental Testing
Electrical Safety Testing
Vibration Testing

Aeronautics standards

ERTCA-DO-160G / EUROCAE ED-14F
/ AIRBUS ABDO100-1-2 / ABD0100-1-8.

Military standards

MIL-STD- 461G / SPE-J-000-E-1006
/ SPE-J-000-E-1000 / MIL-STD-1310
/ MIL-STD-1541 / MIL-STD-1275E
/ MIL STD 810 / AECTP.
/ DEF- STAN 59-411. Part 3.

Other activities

Automotive Testing

Type Approval & Homologation
Service / Automated and
Connected Driving.

Connectivity Testing

Wireless Testing / Mobile
Communications Testing
(Cellular) / Telecom Network and
Service / Provider Solutions
/ Connected driving, IoT and M2M
testing.

EMC & RF Testing

Safety Testing for electrical products

Cyber Security

Cyber Security Certification
/ Penetration Testing / Security
Evaluations.

Medical Device Testing and Certification Services

Product Certification

Product Certification & Marks
/ International Type Approval.

Certifications

- ISO 9001:2015
- ISO/IEC 27001:2013
- ISO 45001
- ISO 14001:2015
- ISO/IEC 17025
- ISO/IEC 17065



DHV Technology is a High tech company placed at Parque Tecnológico de Andalucía in Málaga (Spain). Its main activity is the **design, manufacturing, and qualification of power subsystems for space applications**. DHV Technology has delivered to the market Solar Arrays for more than 250 satellites. 150 in operation as of end of 2021.

Main customers are public and private companies, space agencies and universities. All of them in the Satellites Assemblers sector.

	Dr. Vicente Diaz Dr. Miguel A. Vazquez
	v.diaz@dhvtechnology.com m.vazquez@dhvtechnology.com
	+34 629 023 519
	Malaga
	www.dhvtechnology.com

Main activities

Solar Arrays for Small Satellites (platforms up to 300Kg)

Body Mounted / Deployables.

EPS and Battery Modules for Cubesats

Power Conditioning and Distribution Unit for Satellites

Solar Array Drive Assembly (SADA) for Cubesats and Small Satellites

Programmes

Space sector

Space missions

Certifications

- ISO 9001
- ISO 14001



As one of the world's leading freight forwarders, DSV moves millions of shipments across oceans and continents.

They have earned the trust of their customers and partners by ensuring smooth and efficient storage and distribution of our customers' goods, by air, sea, road and rail.

	José Manuel Romero Pozo
	josemanuel.romero@es.dsv.com
	+34 636 961 300
	Seville
	www.dsv.com/es

Main activities

Customs & Compliance

- Customs Clearance
- Export Control (ITAR + EAR)
- MDDU (Material of Defense and Dual Use)

Transport, storage, and distribution

- Airfreight
- Seafreight
- Road
- Rail
- Heavy Lift
- Industrial Projects
- Pharma
- Perishables
- Xpress

Missions

Airbus A320 / A330 / A330 MRTT / C295 / A380 / A350 XWB / A400M / **Boeing** B737 / B777 / B787 / **Embraer** ERJ145 & E170 / E175 / E190 / Phenom 100 & 300 / **Bombardier** CSeries CRJ-700 / 900 / 1000

Certifications

- ISO9001
- ISO14001
- ISO45001
- TAPA
- AEO
- QMS



Element Sevilla is a **Nadcap-accredited provider of testing services for materials, structures, components, and systems**. Located in the Aerospace Technology Park of Andalusia, Aerópolis, at the heart of the Andalusian aerospace industry, Element Sevilla is one of the few laboratories in Europe with the capabilities and certifications to perform testing on major components for the global aerospace sector. Additionally, Element Sevilla is a certified Tier 1 supplier by Airbus.

Element offers a wide range of services, including **destructive materials testing, structural testing, and vibration testing**, serving various sectors such as aerospace, space, rail, energy, and naval. Element Sevilla holds Nadcap accreditation for Non-Metallic Materials Testing (NMMT) and Metallic Materials Testing (MTL).

Main activities

Metallic materials testing

Composite materials testing

PQT - Structure and product qualification testing

Painting qualification testing

Other activities

Macro/micro-graphic analysis of metals, composites and cables

Adhesive bonding and riveted joints testing

Environmental testing

Hydraulic and pneumatic pressure testing

Residual stress measurement

Testing consultancy and engineering

National and European R&D projects consultancy



-  Francisco Simón
-  francisco.simon@element.com
-  +34 637 904 752
-  Seville
-  www.element.com
- 

Programmes

Airbus A220 / A320 / A330 / A350 XWB / A380 / A330 MRTT / A400M / C295 / **Boeing** B737 / B747 / B787 / **Bombardier** CRJ-700 / 900 / 1000 / **Embraer** ERJ145 & E170 / E175 / E190 / Phenom 100 / 300 / KC-390 / Eurofighter / Dassault Flacon X7 / **Airbus Helicopters** Tiger / NH90 / **Ariane** / **Mitsubishi Regional Jet** / **ESA** / **OneWeb Satellites**

Certifications

- ISO 9001
- ISO 9100
- Nadcap Materials Testing
- ISO 17025
- Nadcap Non Metallic Materials Testing



Elimco Aerospace has been a leading company since 2003, specializing in **electrical and electronic engineering, equipment development, and manufacturing** for interconnection systems (harnesses), cockpit control units, on-board sensors, flight simulators, test benches, ground systems-communications, air and ground support. The company operates in both the **defence and civil sectors**, delivering cutting-edge solutions and services.

	Ernesto Sánchez Rodríguez
	esanchez@elimco.com
	+34 664 24 29 45
	Seville
	www.elimco.com
	

Main activities

On-board systems

On board wiring harnesses / Cockpit Control Units / On-board sensorization / Upgrade platforms / Operation consoles integration.

Ground support systems

Test Systems Integration / Instrumentation / Telemetry | FTI / Ground Equipment Support (GSE) / Customized solutions / HW - SW simulators / System maintenance.

Other activities

Engineering

Production engineering / Improvements, Retrofits / Manufacturing and Quality Training / Robotics and Control / On board Electronics / Industrial design.

Technical support assembly lines

Electrical installation in FAL / Operations Supervision / On-site Programmes support / Program Management / Retrofits / Integrated Logistic Support.

Programmes

Airbus A400M / A330 MRTT / C295 / Eurofighter / Airbus Helicopters Tiger / NH90

Certifications

- ISO 9100



Ensia Expert SL is one **Airbus Group** company created in 2012 to respond to Non Destructive Testing (NDT) requests in aerospace sector.

The Ensia corporate philosophy is to provide services to aerospace industry guaranteeing customer satisfaction at any moment as priority. In this sense, Ensia is committed to quality and security of services and products, offering full availability and reactivity.

Main activities

Manufacturing and in service inspections for aeronautical components

Qualification and training for NDT personnel

Design, manufacturing and distribution of reference standards and instruments

Evaluation of NDT Instruments and facilities






Development of feasibility studies and inspection procedures

Level 3 consultancy

Programmes

Airbus A320 / A330 / A350XWB / A380 / A330 MRTT / A400M / C295 / Boeing B737 / B777 / B787 / Embraer ERJ145 & E170 / E175 / E190 / Phenom 100 / Phenom 300 / KC-390 / Eurofighter / Dassault Falcon 7X / Ariane / Airbus Helicopters Tiger /NH90 / Mitsubishi Regional Jet (MRJ) / Sikorsky S-92



	Severino Rabanal
	severino.rabanalhuelva@testia.com
	+34 917 565 191
	Seville
	www.testia.com

Certifications

- EASA Parte 145 D1 (Non Destructive Testing)
- ISO 9001:2015
- EN 9100:2018
- EN9110:2018
- Certification as a training and examination centre by CNAEND (Comité Nacional Aeroespacial de Ensayos No Destructivos)

CATEC

The **Advanced Centre for Aerospace Technologies** is a technological centre managed by the Fundación Andaluza para el Desarrollo Aeroespacial (Andalusian foundation for aerospace development).

CATEC facilities cover a total of **4,500 m2**. CATEC currently has a staff of more than 60 employees, mostly doctors and researchers, whose primary qualifications are Engineering, Physical Sciences or Chemistry.

CATEC is built around three main **R&D+i** activities: **materials and processes** (additive manufacturing and testing), **avionics and systems** (UAVs, Internet of things), **automation and robotics**.

✉ info@catec.aero

☎ +34 954 179 002

📍 Seville

🌐 www.catec.aero/es



Main activities

R&D technological development

Materials and processes

Additive manufacturing / Topology optimization / END: infrared thermography / END: laser shearography / END: ultrasound / END: tomography / SHM / Modal analysis / Environmental and accelerated life testing / Mechanical and structural testing.

Avionics and systems

Unmanned aerial systems - (UAS)
/ Industrial Internet of Things.

Automation and robotics

Manufacturing and inspection process automation / Robotics, control and vision / Industrial design / Test benches development / Monitoring and control of automated processes.

Programmes

Airbus A320 / A350 XWB / A380 / A400M
/ A330 MRTT / C295 / **Boeing** B737
/ B777 / B787 / **Dassault** Falcon 7X
/ **Ariane**

Certifications

- ISO 9001
- EN 9100
- ISO 14001
- UNE 166002
- ISO 45001



FOSSA Systems is a company specialising in developing satellites to provide comprehensive remote asset management solutions using low-power IoT technologies in industrial applications.

FOSSA has experience in designing, developing, and operating satellite platforms, ground stations, and terrestrial IoT devices. Since 2022, it has launched 17 satellites into orbit and is deploying a constellation of 80 in LEO.

In Andalusia, FOSSA has an operations centre in Cádiz and has collaborated in the PLATERO project as a manufacturer of the payload, the ground station, and the sensor system.

 Vicente González Negro

 vicenteg@fossa.systems

 +34 630 018 996

 Madrid

 www.fossa.systems/



Main activities

Dedicated Infrastructure

- Satellite Constellations: Design, Development & Operations of Satellites for IoT, SIGINT or IoD missions
- Ground Stations (UHF & S-Band)
- IoT / RF Payloads
- Consulting & Engineering

360 SatIoT Solutions

- IoT Connectivity
- Devices
- Management Platform
- Consulting & Engineering

Programmes

AF2E / FEROX / NESE / TRITON



Gaha-Aranda is a company specialised in the **design, manufacture and assembly of aeronautical and military textile equipment**. Its staff began with the revisions of CASA C-207 AZOR more than 40 years ago, and since then, they have been involved in the design, manufacture and assembly of the textile equipment for the C-212, CN-235 and C- 295.

Its engineering has delegated firm as DOA part in various fields within AIRBUS D&S. Gaha-Aranda has extensive experience in textile design and modelling, 3D models, drawings, and technical documentation. Its manufacturing processes are adapted to **short series, based on product customisation. Founding partner of the GERION GROUP.**

Main activities

Production engineering

Interior textile furnishing

Seats (civilians, pilots, troops, etc.) / Upholstery (insulation, blankets, curtains, carpets) / Saddlery (bags, nets, straps, load fastening).

GSE and tooling

Protections (pitot tube, antennas, sensors) / Warning flags / Lean manufacturing protections / Anchoring Systems (propellers, nose, wings, counterweight bags).

Other activities

Big cover

Helicopters (EC-135) / Aircraft (C-295) / Parts (A380 wings, A400M stabilizer, A350 stabilizer).

Manufacturing, distribution and customization

Workwear / Textile marketing.

	Manuel Aranda
	manuel@gaha-aranda.com
	+34 954 519 009
	Seville
	www.gaha-aranda.com
	www.geriongroup.com

Programmes

Airbus A400M / A380 / A330 / A350 / C212 / CN235 / C295

Certifications

- ISO 9001
- EN 9100



GECI INDUSTRY helps its clients to improve their competitiveness, developing supply, maintenance and repair solutions tailored to their needs, with the highest quality, environmental and occupational safety standards.

In constant growth and diversification, GECI INDUSTRY is involved in a wide range of industrial sectors, such as aeronautics, wind power, rail, naval, mining, food, automotive, etc., and has a team with extensive experience in the industry and in constant training.

In order to guarantee the best service, GECI INDUSTRY has reached **numerous distribution agreements with the major manufacturers** to ensure the best technical support, delivery and price level.

	Fernando González
	fernando@geciweb.com
	+34 607 36 93 46
	Cadiz
	www.geciweb.com

Main activities

GECI INDUSTRY provides consultancy, process improvement, centralised purchasing services, logistics and Just-In-Time support for general industries.

Just-In-Time: The required material at the required time and place.

24-hour delivery: 24-hour delivery capability from our central warehouse.

Warehouse and stock management: Analysis, planning and control of stocks with deliveries according to needs, considerably reducing the value of fixed assets.

Delegated Quality: Elaboration of technical reception guidelines; Test management; Environmental management, COCs, Test reports, Safety data sheets, labelling.

Products

Tapes and adhesives / Paints
/ Lubricants and greases / Tools
/ Abrasives / Fasteners / Bearings
/ Labels and ribbons
/ Raw materials / Detergents
/ Safety equipment - PPEs
/ Hydraulics and pneumatics
/ Electrical spare parts
/ Electronic spare parts
/ Calibrations / Lighting
/ Maintenance of Installations.

Certifications

- UNE-EN ISO 9100
- UNE-EN ISO 9001
- UNE-EN ISO 9120
- UNE-EN ISO 14001
- PECAL/AQAP 2120
- IQNet Certified Management System

GRABYSUR

Grabysur is a company specialised in the manufacture of **illuminated panels, night vision equipment (NVIS) and other human-machine Interfaces (HMI) solutions and products** to be installed in aeroplanes and aircraft cockpits and cabins, mainly in the aerospace, defence, naval and land sectors.

With more than 30 years of experience, Grabysur **develops its own technology and manages its products complete lifecycle:** design, manufacturing, integration and repair.

The company holds the main certifications and approvals in the industry and participates in significant aerospace, naval and land programmes.

Main activities

Manufacturing of HMI technologies and products

Illuminated panels / Design and manufacturing of Integrated Control Panels (ICP) / Silicone keypads, indicator switches (DKU and knobs) / Night Vision Environment (NVIS) equipment conversion / Components for on-board simulators and communication systems / Repair service.

Other activities

MRO

Engineering

Production engineering / Systems engineering.

 Paz Gutiérrez Lorca

 mpaz.gutierrez@grabysur.es

 +34 954 676 236

 Seville

 www.grabysur.es

Programmes

Airbus 400M / A330 MRTT / A380 / C295 / CN235 / C101 / C212 / Airbus Helicopters Tiger / NH90 / 8x8 / Navantia S80

Certifications

- ISO 9001
- ISO 9100
- ISO 9110
- ISO 14001



Sevilla Control Group (GSC) offers a comprehensive portfolio of services and **develops integral projects tailored to customer needs**, coordinating the efforts and resources required in each case.

The result is an offer able to address and manage complete turnkey projects, providing the customer with security, commitment, flexibility, quality, innovation and technology.

They work at the forefront of the sector, within highly competitive **international projects**, offering integral management of aeronautical packages.

Main activities

Engineering

Tooling design and manufacturing
/ Production and development / Planning,
industrialization and production control
/ Quality / Integral NC programming
/ Comprehensive programmes management.

Machining

CNC programming / NC machining
/ Three-dimensional verification
/ Raw material management, cutting
and storage / Aeronautical packages
comprehensive management.

Aerostructures

Aerostructures and equipped assemblies
/ Development and serial production
management / Integration of different
technologies / Customer service (OTOQOC
philosophy).

Auxiliary technologies

Heat/thermal treatments / Surface treatments
/ Composites / Sheet metal working / Sealants.



-  Luis García García
-  luis.garcia@gsc-aero.com
-  +34 955 127 450 / +34 627 646 789
-  Seville
-  www.gsc-aero.com
- 

Programmes

Airbus A220 / A320 / A330 / A350XWB
/ A380 / A330 MRTT / A400M / C295
/ Boeing 737 / 777 / 787 / **Bombardier**
CRJ-700 / 900 / 1000 / **Eurofighter**

Certifications

- UNE-EN ISO 9001
- EN 9100



Hispano Aeronáutica offers comprehensive business advice, with services ranging from commercial positioning to operational sales management.

With more than two decades of national and international experience, they specialise in various sectors, including aeronautics, defence, renewable energies, among others. Their approach allows them to lead in Europe, North America and Brazil, providing advice on strategy, operations, digital transformation and more. Their client base includes lessors, airlines, aircraft manufacturers and aviation authorities.

Main activities

Consultancy Services: Aeronautics, Railways and Marine.

Aeronautical engineering

- Production control: monitoring and optimisation of production.
- Configuration control: maintenance and support of the design configuration in terms of process and product.
- Industrialisation and project management: definition, development and fine-tuning of manufacturing projects.

BUSINESS DEVELOPMENT: opportunity identification.

AERIAL SERVICES: unmanned aircraft for supervision of installations, technical inspections, topographical surveys, monitoring of exploitations.

Security Services (Partner 8200 INTELLIGENCE GROUP): cybersecurity services, protection of critical assets, comprehensive security solutions and first level corporate intelligence.



	Ramon Rodríguez Márquez
	rrodriguez@hispanoaeronautica.com
	+34 667 81 62 58
	Sevilla
	www.hispanoaeronautica.es

Programmes


Commercial aviation / Military aviation
Civil aviation / Space / Military projects


indaero



INDAERO GRUPO EMERGY S.L., is a company dedicated to advanced engineering and manufacturing for the aerospace, space, and medical sectors. The company was founded in Seville in 2002.

Its main technologies include 5-axis machining, additive manufacturing, thermoforming, ground equipment assembly, textile confection, and label manufacturing.

 Darío González Fernández

 dario.gonzalez@indaero.com

 +34 954 31 73 14

 Seville

 www.indaero.com



Main activities

5-axis machining

- Structural aircraft parts
- Satellite components
- Medical equipment parts

Interior manufacturing

- Windows
- Covers
- Labels

Ground equipment

- Covers

Tooling

Programmes

Airbus A320 / A330 / 350 XWB / A380
/ A400M / A330 MRTT / C295 / OneWeb
Satellites

Certifications

- ISO EN 9100
- ISO 9001
- POA EASA



Integrasys is a telecommunications engineering company, specialized in the **design and manufacture of software for satellite communications**. A Software development company for monitoring, management and protection of critical communications infrastructure in the Aerospace, Defence and Security field.

Its products tackle the deployment, maintenance and interference mitigation of satellite networks, creating tools to monitor critical communications infrastructure.

Main activities

Interference detection, cancellation system and geolocation

- Vectorsat
- CleanRF
- Intergeo

Carrier and signal spectrum monitoring software

- Controlsat

Automatic system for the implementation, commissioning and maintenance of satellite communication terminals

- Satmotion
- Alusat

Calculation of link budgets for mobile and satellite communications.

- Beam Budget

Satellite capacity management

- Flexicap

Radio frequency calibration

- Calsat

Firmware and Software Securing

Structural Health Monitoring (SHM)



Programmes

ESA

Certifications

- CMM level 2
- Leed Green Certification

inventia

kinetics

Inventia Kinetics is an integrative industrial company, with extensive experience in turnkey projects for the **aeronautical and space industries**.

It has its own capabilities to carry out turnkey projects, from the conceptual design to the execution and commissioning of special machines and automatic production lines and their associated tooling.


In addition, it has a clean area that, together with the machining of metallic and non-metallic elements, allows it to deliver assemblies of flight substructures for the space sector.

Main activities

- / Electrical and mechanical design
- / Mechanics and Fluids-Thermal Analysis
- / PLC programming and robotics
- / Production engineering
- / Welding and Conforming / Machining
- / Dimensional inspection
- / Electrical and mechanic assembly
- / Set up, metrology
- / Commissioning and training
- / Test and certification

Other activities

- / Flight hardware assembly / Paint
- / Special machines maintenance
- / Machine retrofit and reconversion
- / Metrology and calibration services
- / Transport Tooling / Logistics
- / Vehicles developing and certification

 José Antonio García Gallego

 joseagar@inventiakinetics.com

 +34 918 70 70 95

 Jerez de la Frontera / Madrid

 www.inventiakinetics.com



Programmes

- Airbus A350 / A350F / A400M / C295
- / Eurofighter / Eurodrone / Ariane 6
- / LSTM / Spainsat / Galileo

Certifications

- UNE-EN-ISO 9001
- UNE-EN 9100
- DPD (Boeing)



ISOIN is a technology company which offers **Engineering and IT Services** in the Industry, Logistics, Public Administration and Transport sectors.

ISOIN develops a technological line on **Industry 4.0** aimed at the Aerospace sector, through which it structures and executes innovative projects applied to the **production chain of the Aeronautical and Space Industry**. The most relevant technological capabilities in this line are: **Digitalization, PLM-ERP-MES** systems, **MBSE** modeling, intensive use of **Data, Simulation, Digital Twin** and **Industrial Artificial Intelligence**.

Main activities

Modelling and Digitalisation in industrial and logistics environments

Industrial Data Space

Production Optimization

Simulation of manufacturing processes

PLM Systems - Product Life-Cycle Management in Industrial Manufacturing

Interoperability between systems

Industrial Artificial Intelligence

Knowledge-based industrial manufacturability

Sustainability Management in Industrial Environments

Digital twin

IT Infrastructure Management



 Manuel Bada Tomás

 mbada@iso.in.es

 +34 685 48 39 17

 Seville

 www.iso.in.es



Certifications

- ISO 9001
- EN 9100



LAMAIGNERE CARGO



Lamaignere has over **110 years of experience as a global freight forwarder** and has gained the trust of its customers in such key countries as Spain, Chile, Mexico, USA, Korea, Singapore, Vietnam, China, Taiwan, Myanmar, to name a few.

The company offers integrated logistics solutions through its own experts and specialists who have extensive experience in providing services to the aerospace industry. Lamaignere services also develop custom-made solutions for customer-specific projects accommodating all transportation modes.

-  Eloy Martín
-
-  emartin@lamaignere.com
-
-  +34 954 28 28 80
-
-  Seville
-
-  www.lamaignere.com
-
- 

Main activities

Transportation of aeronautical materials

- Air freight
- Land freight
- Ocean freight
- Logistics and storage
- Customs clearance

Other activities

Custom-made solutions within aerospace industry

- MRO
- AOG Service
- Oversized cargo
- Lamaignere Shipments Monitoring System

Programmes

Airbus A320 / A330 / A400M / A350 XWB
/ A380 / A330 MRTT / **Dassault** Falcon 7X

Certifications

- ISO 9001



LATESYS IBERIA is a subsidiary of ADF Groupe, a leading European engineering company in its market. Its teams apply their **technical and operational expertise**.

LATESYS IBERIA offers a wide range of services to meet its customers' requirements, ensuring the **industrial product design, mechanical assemblies and subassemblies manufacture and maintenance**.

LATESYS IBERIA provides a **global service** offering based on a combination of additional skills, from specification definition to delivery and installation at the customer's site.

Main activities

Design and calculation engineering

- Primary and secondary structures
- Quality inspection (Lynx)
- 3D metrology, NDTs
- Automatic EWIS certification

Equipment and integration

- Large complex systems
- Production equipment automation and optimization

Other activities

Design and manufacturing for space (materials and systems)



	Olivier Champémond
	olivier.champemond@latesys.com
	+34 916 969 551
	Seville
	www.latesys.com
	

Programmes

Airbus A330 / A320 / A350 XWB / A400M / A330 MRTT / A380 / C295 / **Boeing** B737 / B777 / B787 / **Embraer** ERJ145 & E170 / E175 / E190 / **Mitsubishi** Regional Jet (MRJ) / **Ariane** / **Eurofighter** / **Airbus Helicopters** Tiger / NH90

Certifications

- EN 9100:2018
- ISO 9001:2015



Latorre is a leading company in the development, design and manufacture of industrial means & tools, machining, logistics and services.

Main activities

Metallic carpentry and maintenance services

- Metallic structures manufacturer
- Custom packaging manufacturing

Other activities

Logistics services

Maintenance services



-  Raúl Fernández Serrano
-  r.fernandez@latorremarquez.com
-  +34 670 270 298
-  Jerez de la Frontera
-  www.latorremarquez.com
- 

Programmes

Airbus A330 / A320 / A350 XWB / A400M / A330 MRTT / A380 / C295 / **Boeing** B737 / B777 / B787 / **Embraer** ERJ145 & E170 / E175 / E190 / **Ariane** / **Eurofighter** / **Airbus Helicopters** Tiger / NH90

Certifications

- ISO 9001
- UNE EN 9100
- 14001
- 1090
- NIMF 15



M&D Aerospace Group has over ten years of experience in the manufacture and supply of all types of **jigs, tools and accessories for aeronautics** and navigation.

It advises companies looking for special tools and for the best elements at competitive prices with deliveries in the shortest time possible.

Also, it carries out another activity in the **training industry**, developing and running courses exclusively for the aeronautical sector with **tailor-made training** for the customer.

Main activities

Tripartite training courses (FUNDAE)

Tailor-made training courses for aeronautical companies


Non-regulated aeronautical training courses

Other activities

Supplies for the aeronautical industry and navigation

Stripping, priming and painting of aircraft



 Irene Bernal
 i.bernal@mdaerospacial.com
 +34 955 760 507
 Seville
 www.mdaerospacial.com


Main customers

- ALESTIS
- Airgrup
- Aciturri
- AERCAL
- SIMGI
- GALVATEC
- UMI
- INESPASA

Certifications

- ISO 9001
- ISO 14001



Mecanizados & Montajes AERONÁUTICOS

M&M Group - Mecanizados y Montajes Aeronáuticos is a business group specialized and referent in the manufacture of metal parts and subassemblies for aerospace use. M&M Group participates in the main aerospace programs of Tier 1 and OEMs in the international market.

The company has the latest technologies for the manufacture of metallic elements (such as the Erie press), as well as for the application of surface and heat treatments.

Furthermore, the experience acquired by our team gives us a degree of specialization in the forming process that is a reference in the sector.

Main activities

End to End aeronautical processes from Raw Materials management to packaging and delivery

Cutting, trimming and drilling sheet metal and plastics by CNC and water jet for steel and titanium. Profile CNC machinnig

Elastoforming manufacture metallic parts by cold forming-hydraulic press rubber mattress

Cool and hot jooglig

Aluminium profile manufacturing by laminated from roll forming exclusive custom shapes

Manual forming, Bending

CNC machining by sheet metal and extruded profiles stretching

Surface protection, CCC (alodine) TSA type I, passivation, painting

Minor assemblies

Heat Treatments Aluminium alloys (solution and aging HT)

Tooling design and manufacturing by Catia and CNC 3 and 5 axis machining Three dimensional verify

Final inspection, NDT, Hardness and Conductivity, Penetrant inspection

-  Pablo Padilla Cruz
-  pablo.padilla@mymgroup.es
-  +34 630 237 365
-  Cadiz
-  www.mymgroup.es
- 

Programmes

Airbus A320 / A330 / A330 MRTT / A350 XWB / A400M / C-295 / Embraer KC-390 / ERJ145 & E170 / E175 / E190 / Eurofighter / Bombardier CSeries / Boeing B737 / B777 / B787 / Dassault Falcon 7X

Certifications

- UNE-EN-ISO 9001
- EN 9100
- Nadcap: Heat Treating / Chemical Processing / Non Destructive Testing / Aero Structure Assembly
- AESA POA Part21 Subparte G



part of the family
HABAU GROUP

MCE is an Austrian company with delegations in Seville, Toulouse and Bremen specialized in **assembly lines** and **productions means**.

MCE, within the business of Structural Steel Plants, is a specialist for the planning and construction of complex and turnkey projects for the aviation industry. Supported by best practice project management and high-quality standards, the company has been able to realise reference projects for all Airbus Aircraft Families.

Main activities

Structural assembly lines

Equipment assembly lines

Moving lines

Production means

Jigs and tool


Transports tool


Other activities

Concept development

Engineering services

Consulting services

 Carlos Barros Manrique

 carlos.barros@mce-hg.com

 +43 66488288011

 Seville

 www.mce-hg.com



Programmes

Airbus A320 / A330 / A350 XWB / A380 / A400M / C295 / Airbus Helicopters Tiger / NH90 / Eurofighter / Ariane

Certifications

- EN 1090
- EN 9100
- ISO 9004
- ISO 14001
- ISO 45001
- ISO 50001



Ningenia is a specialized engineering firm that offers turnkey industrial automation and robotics projects. They develop solutions like robotic cells, collaborative robots, advanced logistics with mobile robots (AGV/AMR), quality control with artificial vision, predictive maintenance, SCADA, machine sensorization, and traceability with RFID or surface marking.

Main activities

Robotized cells for part handling, machine loading/unloading, welding or assembly

Machine design

SCADA

Predictive maintenance

Real-Time Location Systems (RTLS)

Implementation of advanced logistics with AGV/AMR

Traceability solutions

Quality control through machine vision

-  David Suárez Muñoz
-  dsuarez@ningenia.com
-  +34 955 275 514
-  Seville
-  www.ningenia.com
-   

Programmes

Airbus A320

OPEN COSMOS

Open Cosmos is a company focused on solving Earth's greatest challenges by **delivering space-based data and satellite missions**.

The company's activities include the **design, construction, launch and operation of small satellites**, as well as **the provision of data and services through an innovative platform**. Since its establishment in 2015, it has developed multiple advanced satellites for **telecommunications, Earth observation, navigation, and science**.

The company is on a path of high growth with a presence in the United Kingdom, Spain, France and soon Portugal. The presence in Andalusia includes facilities in **Cadiz** where development and integration of **electronic systems are carried out, and an office in Malaga**.

Main activities

Design, Manufacture, Launch and Operation of Satellites

- Earth observation
- IoT
- LeoPNT
- Scientists/Research

Geospatial data

- MENU satellite data
- Optical data VHR, HR, Hyperspectral, etc.

Datacosmos platform



	Aurelio Martí Ferrer
	sales@open-cosmos.com
	+34 689 46 71 70
	Malaga
	www.open-cosmos.com
	

Missions

- QB50
- Enxaneta
- LS2
- Menut
- Dover



PEGASUS AERO GROUP is a leading international aeronautical Group consolidated and solvent thanks to the quality and professionalism of its services. More than 50 years of history and more than 650 employees guarantee its trajectory.

The four main business lines of Pegasus Aero Group are: all kind of aerial services, with more than 100 helicopters and aircrafts, training, maintenance and simulation. It includes several branches, namely, Pegasus Aviación, center of its business line of aerial works with aircraft and helicopters as well as aeronautical training and fleet maintenance; Pegasus OffShore; Pegasus South America; Elitellina, in Italy; the Simulation Center SEILAF placed in Aerópolis (Seville); and finally, Sebastián Almagro Castellanos Foundation, created in order to promote aerial sports and to make society closer to the aeronautical world.

- Elena Boja Carmona
- eboja@pgs.aero
- +34 957 710 460
- Cordoba
- www.pegasusaerogroup.com
-

Main activities

Aerial Operations

- Fire Fighting
- External Load
- Other Activities

Training

- Helicopter pilot license or even to the amplification of knowledge and capabilities for already qualified pilots
- Aircraft Maintenance Technician License, subcategory B1.1 (Turbine-engined airplanes B1.3 (Turbine-engined Helicopters)

Emergency Services

- Search
- Rescue

Maintenance

- Helicopters
- Aircraft

Simulation

- Bell 412 FFS B (Full Flight Simulator Level B)
- FNPT II

Certifications

- ISO
- VDM
- IQNet



Pérez Cardoso is a company founded in Andalusia more than 40 years ago to meet the needs of the aerospace and industrial sector.

It is specialised in the **supply of aeronautical tooling and material**. Its supplier model is based on loyalty, offering a comprehensive range of **hand, cutting, and special tools, consumables, tooling and spare parts**.

Pérez Cardoso also offers a complete technical **consultancy service** to solve any doubt that may arise along the assembly line.

	Miguel Pérez Martín
	perezcardoso@perezcardoso.com
	+34 954 456 446
	Seville
	www.perezcardoso.com

Main activities

Aeronautical tooling and material supply

- Abrasives
- PPEs
- Cutting tools
- Hand tools
- Measurement
- Aeronautical assembly
- Sealant and painting
- Jigs and tooling

Other activities

Technical consulting service

Programmes

Airbus A320 / A330 / A350 XWB / A380 / A330 MRTT / A400M / C295 / **Boeing** B737 / B777 / B787

Certifications

- ISO 9001
- ISO 14001
- IAQG
- IQNet



Rhenus Warehousing Solutions, a division of Rhenus Logistics is one of the leaders in Logistics Services for the Aerospace Industry in Spain. Their commitment is to offer the best services to their aerospace customers.

They are able to provide comprehensive solutions, including standard warehousing activities, kitting, value added services, transportation and customs clearance. As part of the Rhenus Group, they can offer first class services worldwide.

Main activities

Warehousing

- Inbound, put away, storage
- Picking, expedition, outbound
- Kitting, copacking
- Incoming inspection, quality control
- VAS

Heavy handling

Transport Management

	Carmen Lasierra
	carmen.lasierra@rhenus.com
	+34 646 42 66 04
	Seville / Madrid
	www.rhenus.com

Programmes







Airbus A320 / A330 / A350 XWB / A400M / A330 MRTT / A380 / C295
Airbus Helicopters Tiger / NH90
Eurofighter / **Embraer** ERJ145 & E170 / E175 / E190

Certifications

- ISO 45001
- ISO 9001
- ISO 9120
- ISO 14001
- ISO 27001



Rovimática is a technology company that offers customized industrial services in robotics (**standard, collaborative, sensitive**), **vision systems** (2D, 3D, artificial intelligence (AI) for image processing), **mechatronics**, monitoring, pneumatics, **automation and control**, automation and robotization of special vehicles (urban, agricultural and industrial), development of **R&D projects**, maintenance and industrial training.

-  Patricio Alemany López
-  patricio.alemany@rovimatica.com
-  +34 955 463 903
-  Seville
-  www.rovimatica.com
- 

Main activities

Robotics

Computer vision (Artificial Intelligence for image processing)

Automation and control

Mechatronic

Bespoke solutions in automation and robotization of special vehicles

Development of R&D projects

Electrical and mechanical design

Industrial plant automation

Test benches of electromechanical elements

Mapping and image processing for bespoke applications with drones

Programmes

Horizon 2020 / Clean Sky

Certifications

- ISO 9001
- ISO 14001



SIAM is the contracted company responsible for the **management of Ryanair's aircraft repair hangar in Seville**. With an investment of over 30 million euros, these state-of-the-art facilities are situated at Seville airport and boast five bays dedicated to simultaneous aircraft maintenance and repair. The initial objective is to service 300 aircraft annually, with plans to expand this number to 600 by 2026.

This 8,000m² hangar in Seville allows maintenance checks to be carried out on Ryanair's entire Boeing 737-800 fleet.

The maintenance intervals for each aircraft are controlled by calendar time or flying hours/cycles. The time committed to these maintenance tasks can vary from a few hours to a few weeks.

Main activities

Heavy Maintenance

- EASA and UK CAA approved Heavy Maintenance facility
- HM on B737NG series aircraft approved

Work shop approval for on wing and off wing repairs on:

- Composites
- Sheet metal
- Structures
- Airstairs
- Flight deck windows
- Other components such as boilers

Composite, machine and sheet metal shops

Training school



- Angel García Merino
- angel.garcia@siam-svqh.com
- +34 955 257 036
- Seville
-

Programmes

Boeing B737 / B777 / B787

Certifications

- UKCAA Part 145
- EASA



Satys is a French industrial and international group, present in 13 countries with 52 sites in Europe, North America, the Middle East, Asia and Africa. Its headquarters have been in Blagnac (Occitanie, France) since the foundation in 1986 under the name STTS. In Spain it has a team of more than 100 qualified professionals and operates collaborating with airlines in their aircraft surface treatment.

Satys is active in **aircraft painting, sealing and manufacturing interiors for aerospace and rail sectors.**


The group employs 2 600 people worldwide and has numerous certifications. The group also has a surface treatment activity as well as a Research & Development division in its subsidiary Expiris.


Main activities


Sealing and Painting

Aftermarket & VIP Painting

Parts & Sub-assembly protection

 Vicente Hoyos Sierra

 vhoyos@satys.com

 +34 675 99 12 55

 Seville

 www.satys.com



Programmes

**Airbus A320 / A380 / A400M / Boeing
B737 / B777 / B787**

Certifications

- ISO 9100
- ISO 9001
- ISO 9110
- ISO 14001
- OSHAS 18001
- Nadcap

serveo

Serveo is an international renowned company focused in the design, maintenance, operation and comprehensive management of public and private infrastructure for transport, environment, energy, health, industry, and in the provision of facility management services. It offers comprehensive solutions to improve the efficiency, functionality and sustainability of infrastructures and cities.

Likewise, it has more than 20 years of experience in the integral maintenance of production plants in the aeronautical sector. Managing our contracts through service level agreements (SLA) and under a continuous improvement model.

Main activities

Maint. of general facilities: Mechanical & electrical; Lifting & transportation means; Industrial air conditioning; Cold & heat; Engineering & construction projects.

Maint. of production facilities: Robots & PLCs. Continuous production lines; Assembly lines.

Logistics: Warehouse management, loading & unloading; Quality control & pre-assemblies; Maint. services; JIT synchronous logistics.

Industry 4.0 Solutions: Automation & control systems; Eng. & Installation of production lines; Industrial & collaborative robotics; Eng. & Constr. of production machines; 3D Printing & additive manufacturing; Drone consulting & operation; Digital twins; Predictive maint. & Data analytics.

Other activities

Energy management: Indoor & outdoor lighting; Construction elements & enclosures; Air conditioning installations; Electrical installations; CPD's; Generation & self-consumption facilities; Energy efficiency management.

Industrial cleaning: Technical cleaning; Air ducts; D.D.D.; Sanitation networks; Confined spaces; Conventional & buildings.

General services

Waste management



	Roberto Gravina
	rgravina@serveoservicios.com
	+34 696 902 671
	Seville
	www.serveoservicios.com
	

Certifications

ISO 9001 / ISO 45001 / Certificado de Empresa Saludable / Certificados SGE21 / ISO 14001 / ISO 15343 / Registro EMAS según REGLAMENTO (CE) 1221/2009 de gestión y auditoría medioambientales / Sello Reduzco por Registro de huella / ISO 50001 Sistema de gestión de la energía / UNE 216701 / ISO 18295 / ISO 18404 Lean/Six Sigma / Certificado de Conformidad Lean Management / ISO 55001 Gestión de Activos / Certificado Empresa comprometida con el desarrollo del Facility Management / Certificación Silver Ecovadis Rating Sustainability.



SGS is the leading world company for **inspection, verification, certification and testing services.**

Operating in more than 140 countries and with a team of nearly 100,000 employees, it works with the major aerospace manufacturers to ensure the quality of their products and processes.

Thanks to its international network, SGS complies with the basic principles of **quality, independence and impartiality.** Also, SGS Group companies maintain official accreditations that ensure their reliability.

Main activities

Non destructive testing

3D metrology and measurements

Inspection and verification

Laboratories and testing

Other activities

Lean manufacturing

CE marking/health and safety

Certification

Technical consulting

Quality engineering support

Training and APQP implementation



 Rafael Ollero

 rafael.ollero@sgs.com

 +34 638 257 253

 Seville

 www.sgs.es



Programmes

Airbus A320 / A330 / A350 XWB / A380
/ A330 MRTT / A400M / C295 / **Airbus**
Helicopters Tiger / NH90 / **Boeing** B737
/ B777 / B787 / **Embraer** KC-390 / **Ariane**

Certifications

- Nadcap NTD
- Nadcap M&I
- EASA PART 145
- Cert. Defensa
- Cert. Rolls&Royce
- CESSNA Approval
- ISO 9100
- ISO 9001
- ISO 14001



Simetrycal is a **Technology-Based Company** that offers **integral metrology services**, complementing the highest quality and effectiveness in its services together with a personalized management.

Simetrycal specializes in calibrating instruments, systems and functional test benches, both in its laboratories and on-site. It has more than 20 years of experience in its sector, being a national reference for its high training and quality of its services.

The company serves a diverse range of sectors including aeronautics, agri-food, health, energy, transport, defence industry, etc.

	Mercedes González López
	comercial@simetrycal.com
	+34 954 868 969
	Seville
	www.simetrycal.com
	

Main activities

Calibration activities in laboratory and on-site (ENAC)

Comprehensive metrological management

Authorized metrological inspection body (ENAC- 448/EI718)

Dimensional verification and no-contact 3D measurements.

Other activities

Test according to customer specifications

Machine-tools verification

Consulting

Metrology consulting / Quality system ISO 9000 e ISO 17025 / Software design

Training: personalized training, in-person and online classes

RDI projects

Programmes

Airbus A400M / C295 / A350XWB / A330 MRTT / Boeing B737 / B777

Certifications

- UNE-EN-ISO 17025
- UNE-EN-ISO 17020
- Certifications by Airbus Defence & Space



SIMGI is a company that focuses its activity on two fields: **boilermaking and metal constructions** of any kind and on the other hand on **operations secondary to machining** such as reworking, drilling, conventional machining, cold forming and boring.

Within the field of metallic manufacturing, it includes from **assembling and manufacturing tools to supports, stairs, elevation tooling...** Being a direct supplier of Airbus for **GSE**.

	Adolfo González
	adolfo1@simgisl.com
	+34 616 479 209
	Seville
	www.simgisl.com

Main activities

Manufacturing of metal structures and Tooling

Aerospace and Defence Tooling
/ Maintenance.

Operations secondary to machining

Reworking and finishing / Drilling, boring
and cold forming.

Programmes

Airbus A220 / A320 / A330 / A350 XWB
/ A380 / A330 MRTT / C295 / **Boeing** 737
/ 777 / 787 / **Embraer** ERJ145 & E170 / E175
/ E190 / KC-390 / **Eurofighter** / **Dassault**
Falcon 7x

Certifications

- UNE EN ISO 9001
- UNE EN 9100
- EN 1090
- ISO 3842

Sintersa designs, manufactures and supplies **electrical interconnection components and systems** for professional applications in harsh environments. The company provides added value from the production to the on-site assembly.

With more than 35 years of experience, Sintersa offers customized solutions to fulfil electric interconnections needs as wire harnesses, control units, connectors, custom cables, heat-shrinkable elements, crimping tools, accessories, etc.

Involved in the most distinguished aeronautic projects in Spain and overseas, Sintersa's Seville factory is considered an Aeronautical Central Units manufacture **Center of Excellence**.

Main activities

Wire harnesses and Control Units manufacture

Special aeronautic processes (stripping, crimping, soft soldering, overbridging).

On-site assembly

MRO / Test Tooling / Bonding / Minor Mechanical Installations / Electrical Retrofit Installations.

Electrical and electronics materials supply

 Alfonso Marcial amarcial@sintersa.es +34 95 531 09 99 Seville www.sintersa.es

Programmes

Airbus A220 / A320 / A400M / C295 / A330 MRTT / **Eurofighter** / **Ariane** / **Calidus** B250 / **Boeing** AWACS / **Embraer** Legacy 500/550 / **Bombardier** AC Challenger

Certifications

EN9100:2018 / UNE EN ISO9001:2015 / PECAL-AQAP2110, 4^o Ed. / Airbus Defense & Space Quality Inspection Delegation / IPC620 / ESA Certification for spatial connectors crimping



Skylife was born from the University of Seville to create a business model based on knowledge, values and people, standing out in research and development (R&D) with numerous success stories in sectors such as Aerospace and Naval. With more than 100 R&D projects, financed both publicly and privately, and a team of more than 70 highly qualified professionals, Skylife has maintained a sustained growth in its more than 12 years of trajectory, with a clear international perspective and completely national financing.

The company is dedicated to the development of customised solutions and participates in R&D projects, covering areas such as digitalisation, power electronics and avionics and electronics. Its services include the development of digital solutions for Industry 4.0, the manufacture of power converters with high efficiency and reliability, and the creation of integrated and differentiating solutions in avionics and electronics for sectors such as aerospace and navigation.

Main activities

Systems: Custom Electronics

- Design, Modelling, Prototyping, Manufacturing, and Validation
- Power Converters
- ECUs
- Ground System Test Equipment

Digitization

- Virtual Simulation and Digital Asistants
- Augmented and Virtual Reality
- Artificial Intelligence applications
- Digital Twin and IoT
- Hardware in the Loop

Indoor and Outdoor Location Systems

- Real time Indoor and Outdoor Asset management and people location
- Highly Inclusive User Guidance APPs for public and private buildings
- Big Data Analysis Reporting (Heatmaps, Trajectories, Historic)
- Access Control Management

 Pablo Bergmann Guerra

 skylife@skylife-eng.com

 +34 955 26 03 04

 Seville

 www.skylife-eng.com



Programmes

Airbus A400M / A330 MRTT / C295

Certifications

- ISO9001
- EN9100
- IPC-A-610
(Acceptability of Electronic Assemblies)



SOGECLAIR aerospace is an **international engineering services** company for the aerospace sector, with more than 1,700 employees worldwide and offices in France, Spain, United Kingdom, Germany, USA, Canada, Tunisia and Morocco.

Its activity is focused on **engineering and product development** in the fields of aerostructures, systems installation, configuration and data management, equipment.

In addition to engineering services, SOGECLAIR aerospace provides solutions from development to product commissioning.

	Rosa Velasco
	rosa.velasco@sogclairaerospace.com
	+34 954 275 511 / 665 825 635
	Seville
	www.sogclairaerospace.com

Main activities

Aerostructures (metallic and composite)

Structural design and calculation / Modelling and simulation (FEM, MASC).

DOA airworthiness modification (EASA Part 21J)

Systems installation

Electrical (PWP, HTP, VTP), mechanical, hydraulic, A/C, cabin and interior / Flight Test Installation (FTI) / MAP and manufacturing support.

Configuration and data management (CM, CCMD, Quality)

Product and processes identification / Technical document, quality and non-conformity management / Support and training.

Manufacturing engineering (J&T, ME, CNC)

Equipment

Simulators (hardware) / Test platforms / Metrology / Space (structure, payloads).

Programmes

Airbus A220 / A320 / A330 / A330 MRTT / C295 / A380 / A350 XWB / A400M / **Embraer** KC-390 / **Dassault** Falcon 7x / **Bombardier** CRJ-700 / 900 / 1000 / Global 7000

Certifications

- ISO 9001
- EN 9100
- ISO 14001
- ISO 27001



Solar MEMS Technologies (SMT) is an innovative SME specializing in the manufacture of sensors for attitude and orientation control systems used in space and other high-tech industries. This includes sun sensors, star trackers, horizon sensors, and their associated ground support equipment.

SMT has become the world leader in sun sensors for the smallsat industry, with thousands of units in orbit for different customers including Airbus OneWeb Satellites, MAXAR, Thales Alenia Space, OHB, NASA, ESA, CNES, DLR, etc.

It is estimated that approximately 15% of all satellites currently in orbit are equipped with sun sensors developed by SMT.

Main activities

Development of sensors for satellite Attitude Determination and Control Systems (ADCS)

Sun sensors / Star trackers / Horizon sensors.

Development of Ground Support Equipment (EGSE)

OGSE/SCOE.

Engineering services

Custom mechanical and electronic developments / Hardware and software solutions / Industrialization applied to the space sector.

Sun-tracking solutions for aeronautical and industrial applications

Solar photovoltaic energy / Unmanned Aerial Vehicles (UAVs) / Automotive.



-  Alberto Ordaz
-  alberto.ordaz@solar-mems.com
-  +34 954 460 113
-  Seville
-  www.solar-mems.com
- 

Missions

- OneWeb Satellites
- ESA
- SpaceEye-T constellation
- Pixxel constellation
- TeLEOS-2
- K425
- Platino
- IMECÉ
- EU: Cropis

Certifications

- ISO 9001
- ISO 14001
- ISO 14644
- IPC-2610 series
- IPC-D-325
- IPC-J-STD-001
- IPC-2221B
- IPC-2222B
- IPC-T-50M
- PMP nº 1721815
- ECSS-Q-ST-70-61C



STUDEC is a provider of Engineering, Consulting and Outsourcing Services in the **Integrated Logistics Support** field with a **technological** and **innovation** approach.

Its activity around **service engineering, technical documentation, and the complete training life cycle** (from training needs analysis to instruction, through the development of training resources) stands out. It operates in most industrial sectors, in particular: **aeronautics, defence, space, naval, rail and energy**.

STUDEC is present in Spain, France, Germany, the United Kingdom, India and Morocco.

Main activities

Technical training

Production of training content / Training delivery & Operations support / Change management strategy / Learning management solutions.

Technical Documentation

Maintenance and operational technical documentation / Civil and military projects / Development of specific technical documentation software.

Management Support

PMO / Customer Assistance / Process improvement / System integration / Quality.

Other activities

Software Development: Production steering tools / Technical data management / Bespoke or offthe-shelf solutions / Data asset management.

Integrated Logistics Support: Logistic Support Analysis / RAMS, FMEA - FMECA / RCM, RCM II, MSG-3 / Maintenance Support & Planning / Spares Management; NATO Codification.

In Service Support: Flight Crew Specialists (pilots, loadmasters, jumpmasters, AROs) / Ground Crew Specialist (MRO, AGE, FSRs, AMO).

Translation & Interpreting: More than 30 languages / Team of more than 50 specialized in-house native translators.

 Alejandro Gallego Bermejo

 alejandro.gallego@studec.es

 +34 917 482 985

 Madrid

 www.studec.eu



Missions

Airbus A220 / A320 / A330 / A350 XWB / A380 / A330 MRTT / A400M / C295 / Airbus Helicopters Tiger / NH90 / Bombardier CSeries / CRJ-700 / 900 / 1000 / Eurofighter

Certifications

- ISO 9001
- EN 1900



SurAvian School of Aeronautical Technical Professions is a private institution established in Malaga in 1998, dedicated to advancing aeronautical professions in Andalusia. It is approved by the Ministry of Education, Vocational Training, and Sports to offer advanced vocational training in aircraft maintenance and other specialized professions needed by airlines, maintenance companies, handling companies, and aerospace and defense industries.

In the case of aeronautical maintenance, they obtained recognition nº ES.147.005, as a PART-147 Organization, through the European Aviation Safety Agency (EASA), which has allowed the internationalization and professional success of their students. They have a specialized and expert team of instructors with very diverse professional profiles with great professional experience, among which are examiners, practice evaluators and support staff such as: Aeronautical and aerospace engineers and aeronautical maintenance certifying technicians.

Main activities

Specialized in aerospace training at the maximum "Aeronautical Certifications", according to the requirements of the State Aviation Safety Agency (AESA), with a comprehensive approach, both practical and theoretical:

- Technical training certified by the Aviation Safety Agency
- Training to assist passengers, crews, aircraft and goods at airports, assistants for companies and handling companies
- Training programs adapted to the specific needs of the aerospace companies
- Technical skills and specialized knowledge in areas such as structural design, component manufacturing, and aircraft assembly



 Elisabet Rogerio Camino

 orientacion@suravian.com

 +34 652 73 25 98

 Malaga

 www.suravian.com



Certifications

Part 147 Center, authorized by AESA, EASA, Ministry of Education, Vocational Training and Sport and the Ministry of Employment, Enterprise and Self-Employment.



Titania is a company dedicated to **materials testing and research projects** for the industry.

Within its 2,500 m² laboratories, it offers a comprehensive service covering **quality control and processes and materials certification** used in aircraft construction.

In addition to **laboratories**, it has different **pre-industrial scale processes** allowing it to address **technologically complex** projects.

	Fernando Serrano
	fernando.serrano@titania.aero
	+34 616 618 410
	Cadiz
	www.titania.aero
	

Main activities

Testing of aeronautical materials: metals, composites, normals, adhesives, sealants and paints. Laboratories:

Mechanical / Microscopy / Physiochemical / Corrosion and climatic / Thermal analyses / Surface and bonding technologies / Non-destructive testing.

Main processes

Composites manufacturing / Surface treatments / Paint application.

Other activities

Participation in R&D+i projects, with strategic lines

Composite materials manufacturing / Surface treatments / Reach.

Programmes

Airbus A220 / A320 / A330 / A350 XWB / A400M / A330 MRTT / C295 / **Boeing** B737 / B777 / B787 / **Bombardier** CRJ-700 / 900 / 1000 / **Embraer** ERJ145 & E170 / E175 / E190 / Phenom 100 / 300 / KC-390 / **Eurofighter** / **Dassault** Falcon 7x / **Airbus Helicopters** Tiger / NH90 / **Sikorsky S-92** / **Mitsubishi Regional Jet** (MRJ) / **ESA**

Certifications

- EN 9001
- EN 9100
- EN ISO 17025
- Nadcap MTL
- Nadcap NMMT
- Nadcap NDT
- Nadcap CP



Torsesa is a leading company in the **supply of expendable products**, consumables and tools for industrial companies.

They have developed both online and offline channels allowing the customer to find the "all-around" solution for its needs. Also, they offer some **services** associated with the sale of products, such as maintenance, installation or customisation.

They design **logistics solutions** adapted to make the products available according to the customers' requirements, offering immediate availability during 24h, 365 days a year.

Main activities

Tooling and consumables

Industrial supply / Customised tools design and manufacturing / Integral management.

Specialised commercial assistance

Technical service

Maintenance and repair of machinery / Compressed air installations.

EPIS advice

Turnkey solutions for workshop equipment

Other activities

Visual control elements workshop

Torque wrenches ENAC calibration

Assembly and revision of lifelines and fall arrest elements

Training



	Rafael Alfaro Viejo
	r.alfaro@torsesa.es
	+34 954 670 300
	Seville
	www.torsesa.es
	

Programmes

Airbus A320 / A330 / A400M / A350 XWB / A380 / A330 MRTT / **Dassault** Falcon 7X

Certifications

- ISO 9100
- UNE EN 9120
- ISO/IEC 17025



Tratercom is an independent company located in the province of Seville that was born in July 2006 with the firm intention of serving the booming aeronautical sector in a technology traditionally orphaned by specialized traffickers. Based on short delivery times and a personalized treatment with the client, Tratercom was quickly accepted by many companies in the sector as preferred supplier.

The acquisition of new furnaces in 2010 made it possible to extend the scope of certification to new treatments, which meant an increase in workload, with the consequent increase in the number of employees. The highly qualified staff, together with their personal and professional motivation, ensure, in the future, new extensions to the range of processes offered to its clients.

Main activities

Complete service to deliver finished pieces

Pickling and Passivation of Stainless Steels (Dye penetrant and Magnetic particle inspection)

Crack Inspection (Dye penetrant and Magnetic particle inspection)

 Luis Manuel Barroso Benjumea

 luis.barroso@tratercom.es

 +34 669 543 064

 Seville

 www.tratercom.es



Programmes

Airbus A220 / A320 / A330 / A350 XWB
/ A400M / A330 MRTT / A380 / C295
/ Boeing B737 / B777 / B787 / **Embraer**
ERJ145 & E170 / E175 / E190 / KC-390
/ Dassault Falcon 7x / **Eurofighter**
/ Bombardier CRJ-700 / 900 / 1000
/ OneWeb Satellites / Calidus

Certifications

- EN 9100
- Nadcap Heat Treatment
- Nadcap in Non-Destructive Testing
- Nadcap in Chemical Processes



TRC Aeronáutica is a company with more than 20 years of experience in composite materials, positioned as Tier 2, that offers three different lines of business:

- 1. Carbon**, carrying out post-autoclave operations (trimming, inspection, ultrasound, repairs and painting) and offering global management.
- 2. Honeycomb** with integral management, being leaders in the whole process.
- 3. Allcomposites**, a diversification line that offers integral management of UAV manufacturing, drones and turnkey carbon fibre projects.

Main activities

Composites: integral post-autoclave processes: CNC/Manual Machining of Fibre Reinforced Plastic (FRP) components (up to 5-Axis) / CNC/Manual Drilling of Composites and Composite/Metallic Assemblies (up to 5-Axis) / Repair of Carbon Fibre Composite material structures / Three-dimensional Measurement & Inspection (Nadcap accredited) / Ultrasonic Inspection Phased Array / Pulse Echo / CFRP Pulse Echo (Nadcap accredited) / Leak test for Sandwich Structures / Wettability test / Surface roughness measurement / Sealants mixture & application.

Honeycomb cores: metallic and non-metallic integral management: CNC/Manual honeycomb core machining (Nadcap Accredited) / Integral raw material management (Fibreglass, Aluminium, Aramid, Rohacell) / Complete product development (template/tooling design and manufacture, CNC programming, delivery ready for lay-up) / Creation of prototypes and specimens for testing in new developments.

Composites Integral Solutions (Allcomposites): Engineering Processes / OEM and ODM services / Structural repair services / On-fiber parts coating services / Painting and surface finishing services.

Tooling: Design and manufacture of tools.

	Juan Antonio Caro Vega
	juanantonio.caro@trccomposite.com
	+34 628 052 002
	Seville
	www.trccomposite.com

Programmes

Airbus A220 / A320 / A320 NEO / A330 / A350 XWB / A400M / A400M WFF / A330 MRTT / A380 / C295 / **Boeing** B737 / B777 / B787 / **Embraer** KC-390 / **Dassault** Falcon 7x / Falcon 10x / **Airbus Helicopters** Tiger / NH90

Certifications

- EN 9001 / 9100
- IDP / IDE
- BAC5317
- Nadcap AC 7130-/114-/118
- AITM6 / AITM1
- A2PS188/260
- AIPS / AIPI-01-03-05






Trescal



Trescal is the international expert (presence in more than 30 countries) in calibration, testing and metrology services.

Trusted by more than 60,000 customers across all industries to perform these critical and mandatory services. Stand out for a large number of ISO/IEC 17025 accreditations, Nadcap AMS 2750 and a comprehensive "one-stop-shop" service.

As a world leader, innovation and continuous improvement are present in Trescal's day to day. Every year Trescal invests a large part of the profit, in new capacities, laboratory renovations, automation, robots and training programs. Such investments guarantee Trescal's technical excellence.

	Antonio Fernández
	sales.spain@trescal.com
	+34 669 519 418
	Seville
	www.trescal.com
	

Main activities

ISO/IEC 17025 Accreditation

- Laboratory
- On-site (customer facilities)

Testing and verification

- Nadcap
- AMS 2750
- CASA 1036
- Instrument and tool verifications
- Test according to customer specifications

Asset Management

- Multilingual online platform
- Instrument status monitoring
- Download certificates

Training and consultancy

- General Metrology
- Comprehensive metrological management
- Customer's request
- Quality Audits support

One-stop-shop

RDI projects

Programmes

Airbus A320 / A330 / A350 XWB
/ A330 MRTT / A380 / C295
/ Bombardier CSeries / CRJ-700 / 900
/ 1000 / **Airbus Helicopters** Tiger / NH90
/ Eurofighter

Certifications

- ISO/IEC 17025
- ISO 14001
- Nadcap
- AMS 2750
- CASA 1036



TRIGO Global Q is a supplier of **quality management and control services** for the aerospace industry in Spain. It offers solutions for the main aerospace manufacturing centres in the Iberian Peninsula.

The TRIGO Group is a multinational company that offers operational quality management solutions for the manufacturing sector, especially in the transportation industries.

TRIGO offers a complete portfolio of **inspection, engineering and quality management services along the entire supply chain.**

Main activities

Quality management

Problem-solving and quality cost reduction
/ National and international customer focal point / Product configuration management
/ Technical documentation management
/ Lean projects / Quality training.

Quality control

Products, assemblies and aircraft verification
/ Production means and tools control
/ Tool management (measurement, analysis, maintenance).

Other activities

Quality engineering

Non-conformity actions management
/ Corrective/preventive actions management
/ Products and suppliers monitoring, follow-up and audits / National and international customer focal point / Internal/external quality audits for systems and processes / Special process consultancy for PRI Nadcap certification / Quality certification consultancy.

A close-up photograph of a person's hands in white gloves using a pipette to transfer liquid into a small, square, perforated metal tray. The tray is placed on a white surface, possibly a laboratory bench or a microscope stage. The background is softly blurred, showing more of the laboratory environment.

 Antonio Peco Pinto
 antonio.peco@trigo-group.com
 +34 954 254 528
 Seville
 www.trigo-group.com
  

Programmes

Airbus A320 / A330 / A350 XWB / A400M
/ A380 / **Eurofighter** / **Dassault** Falcon 7X
/ **Embraer** KC-390 / **Boeing** B737 / B777
/ B787 / **Bombardier** CRJ- 700 / 900 / 1000
/ **Sikorsky** S-92

Certifications

- ISO 9001
- ISO 9100
- ISO 14001
- Nadcap M&I



3JI&T has the purpose and the firm commitment of the **generation of added value** in a systematic way, contributing permanently to the achievement of the objectives of its clients and business partners, helping them to define their strategies of growth and optimization of their operational processes.

The combination of knowledge acquired through experience in senior management positions, talent and innovation in new technologies make 3JI&T contribute accurately to operational excellence, integration in the value chain, and innovation of operational and management processes maximizing the benefit of its customers.



	Jesús Espinosa Ruíz
	j.espinosa@3jit.com
	+34 609 865 783
	Seville
	www.3jit.com

Main activities

Business Development Strategy

Medium and long-term business growth / Combination of Strategic Vision and Operational Reality / Innovation in the processes of search and implementation of opportunities / Creation of the Chief Business Development Officer / Start-up business development & active investors strategy.

Global Business Transformation

Business architecture / Operational transformation / Operational and strategic assessment.

Engineering & Industrial Transformation. Industry 4.0

Efficiency / Industrial Strategy / Digital transformation.

Mergers & Acquisitions

Advisory and support.

Other activities

Mentoring, coaching & People Development

Mentoring & Coaching / Career plans / Talent management.

RAMS Engineering

Certification Processes

Programmes

- Commercial aviation
- Military aviation
- Civil aviation
- Space
- Military projects
- Air Mobility
- Railway sector
- Industrial sector



4i has created a new generation dialog system that enables productive conversations between humans and machines. Its features make a difference:

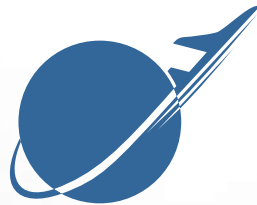
- Voice and vision multimodal conversations. No rehashed chatbot engine, voice and vision are a premise, not an afterthought.
- Cloud-free deployment with full privacy, uploading no content to the cloud.
- Dialogs optimized for reliability. Factually correct, bias-free responses. Our Deep Learning models maximize performance and naturalness while minimizing the risk of inaccurate and inappropriate system outputs.
- Robust under uncertainty, noisy conditions, user disfluencies and other communication issues.

	Adolfo Barallobre Filgueira
	a.barallobre@4i.ai
	+34 660 000 366
	Seville
	www.4i.ai
	

Main activities

Human-Machine Interaction based on voice and vision

NLP



Andalucía Aerospace

Aerópolis, Aerospace Technology Park of Andalusia
1, Ingeniero Rafael Rubio Elola Street,
Business Center, Second Floor, Office 2.4.0
41300 San José de la Rinconada
Seville (Spain)

Phone: (+34) 955 12 07 96
E-mail: info@andaluciaaerospace.com
www.andaluciaaerospace.com