Aerostructures
The expertise of an aerospace world leader at your service

DEFENCE AND SPACE
Commercial presentation 2021
Who we are

We are the Airframe solution provider for Airbus Defence and Space. We integrate end to end competencies from Engineering, Manufacturing, Assembly to In-Service support. Our expertise contributes to make Airbus’ platforms best in class.

We put this expertise at the disposal of other pioneers, pursuing mutual interests in building the future of aerospace.
Key figures

- Engineering Office
- Systems Lab and Rigs
- Structural Test Lab
- Flight Test Centre
- Customer service center
- Structural Assemblies
- Automated Assembly
- Wire-Harness Shop
- Procurement
- Commercial & Program
- Composite Manufacturing
- Automatic Assembly
- Sheet Metal Forming
- Superplastic Forming / Diffusion Bonding
- Engineering Office
- Systems Lab and Rigs
- Structural Test Lab
- Flight Test Centre
- Customer service center

Annual external revenues
240M€

R&D Investment
115M€ / year in Airbus DS

Automated cells
15 automated composite cells and assembly pulse lines

Production sites
180.000 m²

Customers
OEMs and Tiers1

Sevilla
Tablada

Cadiz
CBC

Madrid
Getafe

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Main customers

As part of Airbus, our strong financial backbone gives our partners stability. We are the choice of resilience and business continuity. We deliver on commitment.
Our value proposal

Network leader
We manage and coordinate a solid supply chain network to guarantee optimum MAKE/BUY mix.

Agile industrialization
Capacity to quickly achieve complex industrializations and fostering continuous improvements. To be always ahead, to be your launching factory.

History
AIRBUS DS Aerostructures has a long history within the aerospace industry. Since early 1970s, Airbus Group has developed a strong know-how in Aerostructures technologies.

Competitiveness
Wining contracts for commercial platforms with external customers in a highly demanding market.

End to End partner
Our commitment starts with the first sketch, manufacturing, assembly and lasts to the in-service support. Our service will accompany you during the whole life cycle.

Versatility
Based on a large experience of project management in a multiproduct environment, we have acquired the skills and competences to adapt to any production needs.

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Our strategy

Technology at the core
Following our mission to make Aerostructures best in class, technology development is a core pillar of our strategy.

Synergise civil and military
Exploit synergies between military and civil platforms, to bring together the best of two worlds.

Deliver the results accordingly
Actively manage portfolio: Focus on profitability, value creation, and market position.
Our main products at a glance

Components and airframes
A large portfolio of components...

Civil and military programs
...already proven in many Aircraft programs
The best technology for the platform

Eurofighter Slats:
Technology: Titanium Super Plastic forming
The titanium super plastic forming technology offers the best possible weight / performance ratio, ensuring responsiveness of the actuators and resilience. The tolerances achieved to respond to the aerodynamic requirements illustrate our expertise mastering that technology.

The Eurofighter is one of the most agile aircraft in the world. Its inherently unstable flight laws leads to extremely demanding requirements to its moveable parts. The slats are a key enabler of the Eurofighter’s agility. Constantly driven by the on-board computers, the slats have to withstand extreme conditions.

What is your requirement?
The latest assembly technologies

High rate automatic assembly

Demonstrated capacity to ramp-up to highest rate in aerospace world for the A320 NEO and Boeing 737MAX, on time, on cost and on quality. Automation is an enabler to ensure best quality standards and competitiveness.

End to end digitalization

With the implementation of end to end data follow-up such as Digital work order, incident flow, real time KPIs and DMU assisted inspection, our process operation becomes seamless. Industry 4.0 is now!
A centre of excellence for composites

Composites and Combined solutions

The Cadiz plant is Airbus DS’ centre of excellence for composites and combined solutions. It is our duty to ensure the technological supremacy of our future platforms, both for military aircraft and space programmes. We collaborate with distinguished partners to push the boundaries of physic’s law, with safety as our mantra.

Recent achievements include a composite laminar flow empennage, one shot monolithic cockpit, 10m tip to tip reinforced skin using out of autoclave dry-fiber resin infusion.
End to End solution provider

- Conceptual Design
- Industrialisation
- Manufacturing (of components)
- Assembly
- Customer services (In-service maintenance and repairs)
- Customer
Developing your project

At the Forefront of Engineering methods and technologies

Conceptual Design  Aerodynamics  Structural Analysis  Certification
Powerful industrialization

Our competences recognized to bring you industrial efficiency

Concurrent Engineering
Equipping and testing processes
Advanced automation
Cost optimization
Industrial capability

Airbus Defence and Space Aerostructures has a large range of capabilities

From detail parts manufacturing expertise…
Industrial capability

Airbus Defence and Space Aerostructures has a large range of capabilities... to large assemblies and complex integration
Continuous investment in automation to sustain competitiveness
Your partner for services

In service support available for you worldwide
Building the “Factory of the Future” is a key initiative launched at Airbus Defence and Space. Concrete application in digitalization, augmented reality and prototyping are now in use with significant improvements in reactivity, quality and efficiency.
Footprint

Our Eco-system

25%/75% make-buy

Big footprint in Spain
60% procurement spent in Spain

Supply Chain competitiveness and integral management

2019 Data, not exhaustive

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Getafe plant

HQ, ENGINEERING, PROCUREMENT, FINANCE, CUSTOMER SERVICE, AOSL, TRAINING CENTRE

AIRBUS Military FAL MRO

Flight Line

AIRBUS Commercial Aerostructures

Conversion Centre

BELUGA STATION

AIRBUS Military FAL MRO

AIRBUS Commercial Aerostructures

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Cadiz CBC plant
Sevilla Tablada plant
Performance

A clear focus on delivery

100% OTD A320 Neo*
100% OTD B737MAX*

98% On Quality Delivery average*

*2019 figures

100% OTD A320 Neo*
100% OTD B737MAX*

Performance Excellence
Boeing 2016

High level of Customer satisfaction
Several Best Supplier award

Best Supplier
SAFRAN 2015

Best Supplier
SAFRAN 2016

6 Top Supplier Performance
SAFRAN 2019

Top Supplier Performance
DASSAULT 2014 - 2018

OES Rising Star
2019 (Cadiz plant)
Leading the way in the decarbonisation of aviation

Airbus Ambition to be the first to offer a zero-emission commercial aircraft by 2035

Green plant initiative to be beyond compliance of current environmental industrial regulations
Airbus people make the difference

Diversity is in our DNA

Encourage more women to join the aerospace industry

Strong commitment to training

Attract the brightest international talent
Airbus Foundation

Delivering humanitarian relief

900+ tons of aid
70 Relief flights
15 countries
Contact us!

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Thank you