



AERTEC

➔ **Test Systems Engineering**
Specification, design and
manufacturing processes



Let's talk **aeronautics**



→ Test Systems Engineering Specification, design and manufacturing processes

Improvisation has no place in aerospace. We are specialised in the design and testing of all our products in a very wide variety of circumstances in order to demonstrate their safety.

At AERTEC, we respond to our clients' needs by focusing on the functionality of our onboard systems as well as on conducting tests.

In addition to providing onboard software equipped with automated testing and maintenance, we also cover aerospace systems specification, negotiation, development and manufacturing, along with the consequent assistance to the industry.



A400M Test Systems

Our engineers have accumulated thousands of hours of experience in functional testing in both production and development environments. And the work has not been for nothing. They are involved in the definition, execution and solution of problems related to some of the most stringent tests carried out on civil and defence platforms.

#Testing



TEST SYSTEMS ENGINEERING > SERVICES

- ▶ Customised test systems engineering (according to client requirements and needs)
- ▶ Integration and specification tests for functional testing
- ▶ Functional test management software for production, maintenance and integration
- ▶ Integration of COTS into the equipment's hardware





We design the most stringent tests for civil and defence platforms

Tailor-made services

Ready to lead and manage projects and programmes

AERTEC has an extensive workforce of highly-qualified engineers with experience in the aeronautical industry. They are trained and certified in the following key concepts:

- Airbus project management guide
- Professional project management (PMP)®
- Lean manufacturing
- Specific Airbus training

Any specific training needs in terms of either methods or tools will be analysed with the project manager or department manager in charge of the service.



A400M Test Systems

Optimisation of the final product in terms of time, costs, quality and performance



A400M Test Systems



Let's talk aeronautics

Our projects speak for us

Test Systems Engineering

A400M

- Retrofit systems engineering (Getafe, Spain y Manching, Germany)
- Ground test systems engineering (Seville, Spain)
- Production support for the flight line (Seville, Spain)
- Lead supplier for ground test systems Zone-AIM (Seville, Spain)
- Lead supplier for patch panels Zone-AIM (Seville, Spain)
- MAP support for the power plant in the Flight Test Centre (Seville, Spain and Toulouse, France)
- Telemetry and data processing for the Flight Test Centre (Seville, Spain)
- Industrialisation of functional testing (Seville, Spain)
- Industrialisation support for test means (Seville, Spain)

L&M CN235/C295

- Fuel systems engineering (Seville, Spain)
- Mechanic-fluid systems engineering (Seville, Spain)
- Electrical systems engineering (Seville, Spain)
- Support for electrical repairs (Seville, Spain)
- MRO systems engineering (Seville, Spain)
- Industrialisation of functional testing (Seville, Spain)
- Industrialisation support for test means (Seville, Spain and Bandung, Indonesia)

A330MRTT

- Production support for programmes: GOS, RAAF, UAE, QAF (Getafe, Spain) and FSTA (Getafe, Spain & Bournemouth, UK)
- Systems engineering for validation of Defensive Aids Sub-System (DASS UK y Getafe, Spain)
- Industrialisation of functional testing (Getafe, Spain)
- Industrialisation support for test means (Getafe, Spain y Bournemouth, UK)

Eurofighter

- Fuel systems engineering (Seville, Spain)

RPAS

- Functional testing for RPAS programmes: nEUROn & ATLANTE (Getafe, Spain)

Design and manufacturing of test systems

- Engine test bench for GE CT7 9C 9C3 Light & Medium
- Health & Safety system for assembly process monitoring at the A400M FAL
- RAT retraction tool for the air engine at the A400M FAL
- Pedal brake actuator tool for CN235/C295
- BRAIM A400M
- Universal Energy Efficiency Equipment (U3E)

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