



# Aerospace

## Engineering services for the aircraft industrial cycle

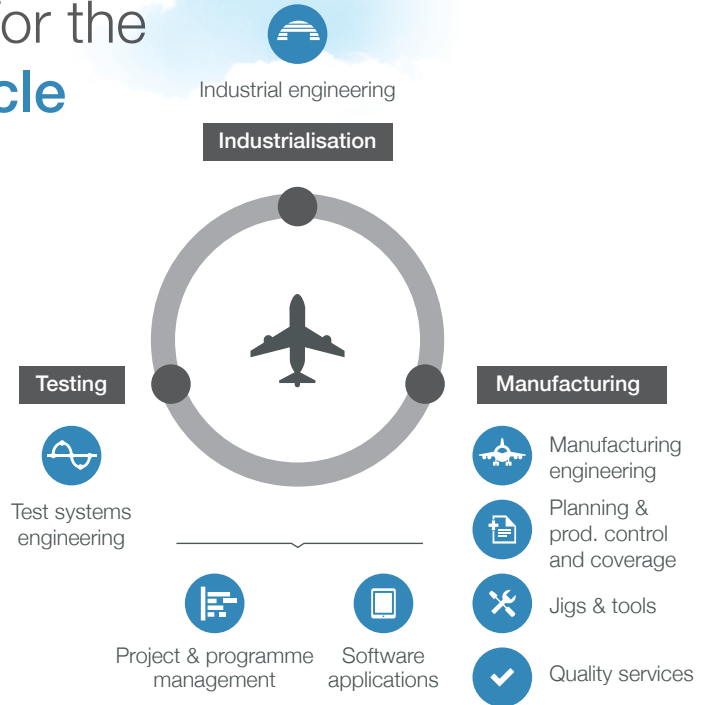
**AERTEC Solutions** is currently a Tier 1 supplier for Airbus Group for manufacturing engineering services and programme management in the world's largest aerospace programmes, such as the Beluga, the A380, the A350XWB, the A400M, A320 or A330MRTT, among others.

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SOLUTIONS

*aerospace & aviation*



### Part of the following aerospace programmes

AIRBUS DS	AIRBUS	EMBRAER	BOMBARDIER	AGUSTAWESTLAND
A400M	Beluga	KC390	Global 7000/8000	AW101
A330MRTT	A380	E175-E2		
CN235/C295	A350XWB			
EUROFIGHTER	A330neo			
nEUROn	A321neo			
ATLANTE	A320neo			
	A320			

### Preferred strategic supplier for Airbus



Manufacturing engineering services (ME3S)



Project and programme management services (PMO)



Let's talk aeronautics

# Engineering services for the aircraft industrial cycle



## Industrial engineering

- Conceptual design
- Infrastructures design
- Industrial organization
- Logistics and supply chain
- Operations



## Manufacturing engineering

- Processes industrialisation
- Configuration management
- Assembly and installations support
- Tech support to production
- Functional tests
- Impact assessment for variable conditions
- Standardisation of processes and methods



## Planning & production control and coverage

- Planning and production control activities
- Final Assembly Line (FAL) master plan
- Update unified plan (Up)
- Operational plans
- Process standardisation
- Analysis, generation & update of follow-up reports
- Support to production
- Manage industrial meeting and minutes report
- Guarantee the supply chain of materials to FAL
- Provide delivery dates of the materials
- Missing parts management of the stations
- Control of the work order life cycle
- Continuous improvement



## Jigs & tools

- Tooling design
- Tooling quality
- Automated systems
- Commissioning and set up
- Project management
- R&D projects
- Reverse engineering
- Remote support



## Quality services

- Management of final inspections on the flight line
- Management of client inspections
- Registering, management & closure of faults in the client information systems
- Prioritisation of repeated faults
- Root cause analysis
- PPS techniques
- Initiation of corrective measures
- CADM (Customer Acceptance Delivery Manager) support
- Planning
- KPI reporting
- Process Standardisation
- Analysis, generation and update of follow-up reports
- Production support
- Industrial meeting management and minutes reports
- Continuous improvement



## Test systems engineering

- Bespoke test systems engineering based on client requirements and needs
- Functional testing specification and integration tests
- Software for functional test management for production, maintenance and integration
- ICOTS equipment hardware integration



## Project & programme management

- Project establishment
- Schedule management
- Cost management
- Resource management
- Risk management
- Follow up (interdependencies)
- EVM analysis
- Coordination of shared risk partners
- Monitoring and controlling of activities
- Configuration management
- Critical path definition
- Configuring the main KPIs
- Preparation of reports (programme status)
- Project closure



## Software applications

- Digitalisation visual management tool
- Operative and master plan
- Material and tool management
- Management of pending actions and tasks
- Mass data management in a web environment
- Management of quality incidents with tablets

