



# Manufacturing Engineering

## Processes improvement across all **Airbus Military** programmes (Spain)

Airbus Military / Process engineering



UNITED KINGDOM  
FRANCE  
SPAIN  
PORTUGAL  
MOROCCO  
[www.aertecsolutions.com](http://www.aertecsolutions.com)



This contract consisted of providing operational activity focused on optimising the established production processes and reducing or eliminating waste and activities that consume resources without adding value.

AERTEC Solutions applied its extensive experience and know-how in design, manufacturing, assembly and testing processes to provide technical advice, monitoring and improve proposals in military aircraft such as A400M, MRTT aircraft, C295, CN235 and EFA, and also civil aircraft as A380 and F7X.

[Continued overleaf]



Preferred manufacturing engineering supplier (ME3S) for Airbus





# Manufacturing Engineering

## Scope of services

### Engineering activities to improve production process:

- Data collection through direct observation of assembly processes (standard work sheet combination data gathering)
- Perform reports detailing added value of each operation, non-added value and non-profitable measures
- Improvement proposals to eliminate waste and non-added value activities: Tactical Improvement Plan
- Re-engineering of operations, creating visual work orders to improve processes, updating technical publications...

## Organisational information

### Highly experienced work team composed of more than twenty dedicated engineers:

- On-site work teams collecting direct work information through direct observation in every Airbus Military centre
- Advisory council of multi-functional experts working at AERTEC Solutions facilities (off-site mode) processing the on-site information and designing improvement plans

### Complete set of applications and connections required for the subcontracted activities:

Lean manufacturing activities were carried out at:

- Tablada Airbus Military facilities (Seville):  
*aerostructures, tooling & industrial means department*
- San Pablo Sur Airbus Military facilities (Seville):  
*production support engineering L&M / A400M department*
- San Pablo Norte Airbus Military facilities (Seville):  
*electrical manufacturing engineering department*
- CBC Airbus Military facilities (Cadiz):  
*composites manufacturing engineering department*
- CAP Airbus Military facilities (Getafe):  
*derivatives manufacturing engineering department*

