



- Manufacturing
- **Industrialization**
- Our Standing Work
- FAL Integration
- Quality Services
- MRO Services

Manufacturing Engineering & Industrialization Services



ASSISTANCE AERONAUTIQUE & AEROSPATIALE

Your partner to success

Your partner to success

A global service-provider for industrial activities on all aircraft

AAA, privately held company with its headquarters in Paris, France, is a key player in the aerospace industry for on-site operations, working on all civil, military and business aircraft, and during their whole product lifecycle.

AAA performs as a **major on-site service provider** the following activities : industrial production and assembly, manufacturing engineering, industrialization, Final Assembly Line (FAL) services, FAL integration, flight line services, Out Standing Works (OSW) & Out Located Works (OLW), quality conformance management, quality inspection, airlines services and Maintenance, Repair & Overhaul (MRO), at customer facilities worldwide or within our factories.

Our added value comes from dedicated teams, constituted of international experts and local employees, continuously trained to advanced industrial methods and meeting quality requirements. With more than 25 years of growth and experience, our philosophy of, **capability, efficiency and reliability** drives us every day to be your partner to success.

Manufacturing Engineering & Industrialization Services

For over 20 years, AAA has been supporting its main customers (AIRBUS, DASSAULT, AEROLIA, BOMBARDIER and more) in their industrial challenges by providing manufacturing engineering services all along the manufacturing process cycle, from industrialization to integration and tests.

As such, we have closely participated to the evolution of the manufacturing engineering function within the plants of the major aircraft manufacturers. With a total capacity of more than 800 experimented Manufacturing Engineers, all around our several implantations, we are driving more than 100 major projects to success.

Thanks to our Project Management expertise, we handle transnational projects committing on timeframe as well as quality results.

Capability

NEW PRODUCTS INDUSTRIALIZATION	SUPPLY CHAIN STRATEGY & TRANSFERS OF WORK	INDUSTRIAL IMPROVEMENTS	TRAINING
Feasibility Study Jigs & Tools needs study Industrial Process Design Routings /Job Cards creation Quality and Tests Instruction Times and skills definition Production Planning Mgt Configuration Mgt, Risks and Maturity Mgt Standard Line Balancing Shop Floor Support Non-conformities treatment Outstanding Works Mgt	Supply Chain Def Study Define conditions of supply Suppliers Capacities assessment Logistics strategy Manage Industrial transfers - TOW : <ul style="list-style-type: none">▶ Support FAI/LAI Process▶ Define tools transfers▶ Define new processes▶ Implement new teams	Analyze recurrent issues End to end problems solving Industrial Maturity Analysis Process/Time optimization Lean analysis Value Stream Mapping Stations Layout Improvement Standard Line Balancing	AAA Training Center, composed of ME experts, proposes the following training courses: <ul style="list-style-type: none">Work PreparationShop Floor SupportIndustrial TransferSpecial ProcessesLean /VSM

Our customers

Airbus, Airbus Helicopters, Dassault Aviation, ATR, Bombardier, Safran, Bell Helicopter, Stelia, Spirit Aerosystems, Group Latecoere, Sonaca, SABCA, Triumph Group, CCAC, Kai, Zodiac Aerospace, Stelia, B/E Aerospace, Recaro

Reliability

Certificates



EN/AS/JISQ 9100
v2009

ISO 9001
v2009

Skills

- ▶ Project Management
- ▶ Manufacturing Engineers
- ▶ Shop Floor Supports
- ▶ Technical Coordinators
- ▶ Process/Time Optimizers
- ▶ Supply Chain Experts
- ▶ Configuration Managers
- ▶ Customer Representatives
- ▶ Industrial Performance & Lean Experts
- ▶ Machining / Forming / Profiling
- ▶ Surface Treatment
- ▶ Composites
- ▶ Structure Assembly
- ▶ Mechanics / Electrics
- ▶ Systems & Cabin integration
- ▶ Flight Tests Installations
- ▶ Inspections and tests procedures
- ▶ Painting Operations
- ▶ Flight Line procedures
- ▶ Maintenance Procedures

Qualifications

Aerospace Regulations
Industrial Processes
Planning and Line Balancing
Supply Chain Management
Lean Manufacturing
Configuration Management
Manufacturing Time
Measurement (MTM)

Manufacturing Engineering Training

Specific IT Tools
of our customers
SAP
CATIA
MTM TiCon

It tools

FOD Awareness Training
Tutoring Training
Special Processes
Team Management
Safety and human factors

Complementary Training

Efficiency

Our Assets



Worldwide presence
for global customer
assistance



Wide expertise in
Industrialization
working for major
A/C Manufacturers



Custom-built
projects via
workpackage
management



Mixed work
on site/off site
with best cost
solutions



Flexible organization
regarding schedule
and functional
deadlines



Training capacity to
improve employees
efficiency

References

Non-exhaustive list of our main references

AIRBUS	Supporting whole A/C Programs in France, Spain, Germany and UK (A320, A330, A350, A380, A400M). Manufacturing Engineering from elementary part to flight tests. More than 300 FTE.
AIRBUS HELICOPTERS	MAP team, TOW, Rapid manufacturing, Logistic flow support
AIRBUS IN THE USA	Technical support and line transfer expertise for the A320.

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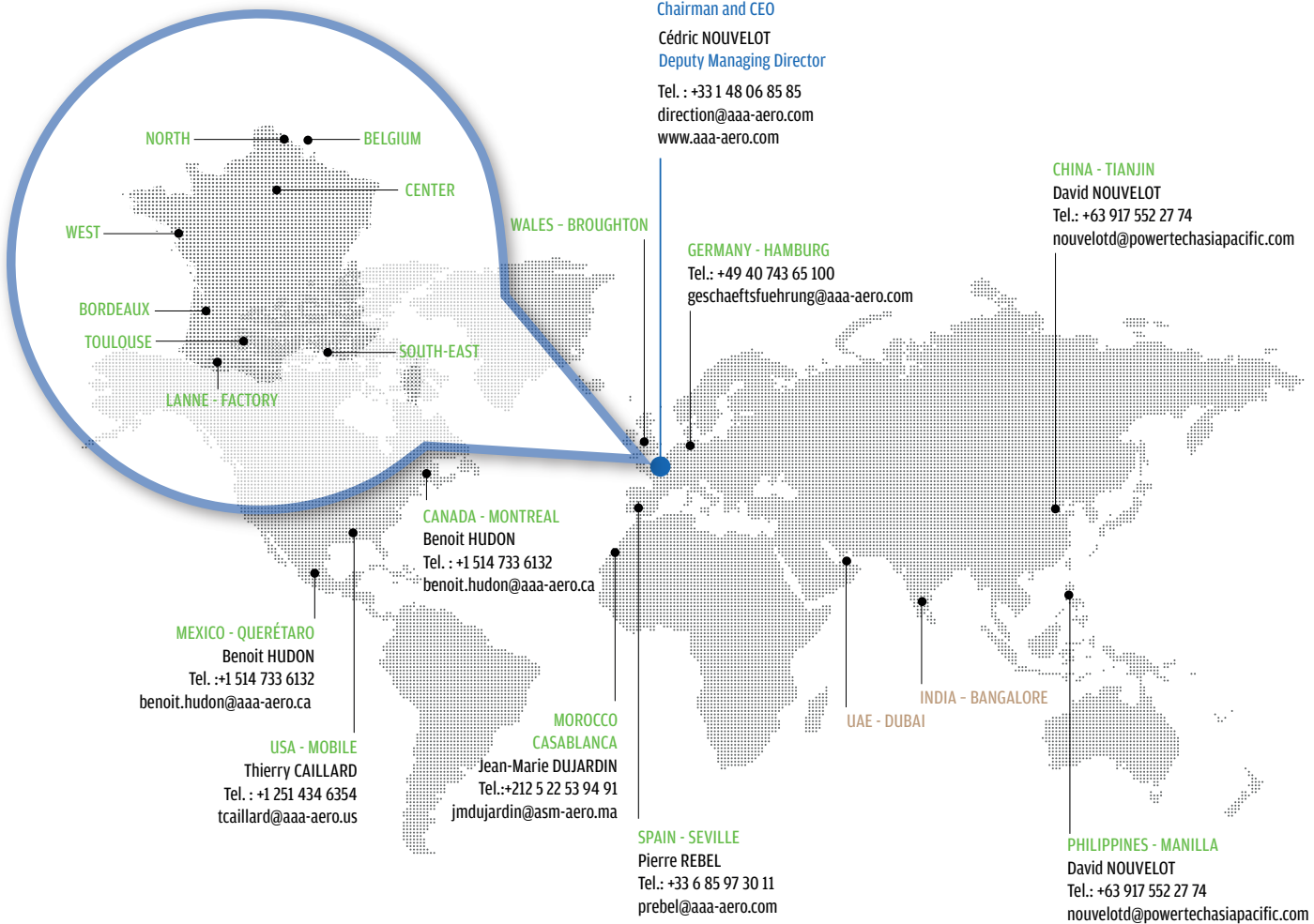
AAA is a member of the following French and German Aerospace Clusters



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