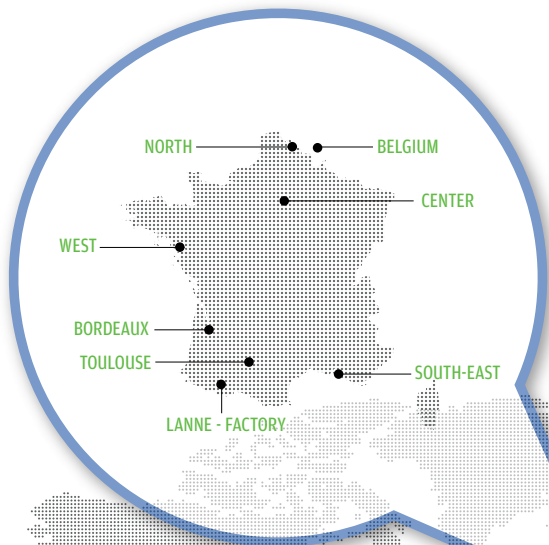


10, rue Mercoeur  
75011 Paris  
Tél. +33 (0)1 48 06 85 85  
www.aaa-aero.com

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



## Worldwide Subsidiaries and Services



### FRANCE - PARIS

Gilles CHAUBY  
Chairman and CEO  
Cédric NOUVELOT  
Deputy Managing Director  
Tel. : +33 1 48 06 85 85  
direction@aaa-aero.com  
www.aaa-aero.com

GERMANY - HAMBURG  
Tel.: +49 40 743 65 100  
geschaeftsfuehrung@aaa-aero.com

CHINA - TIANJIN  
David NOUVELOT  
Tel.: +63 917 552 27 74  
nouvelotd@powertechasiapacific.com

CANADA - MONTREAL  
Benoit HUDON  
Tel. : +1 514 733 6132  
benoit.hudon@aaa-aero.ca

MEXICO - QUERÉTARO  
Benoit HUDON  
Tel. : +1 514 733 6132  
benoit.hudon@aaa-aero.ca

USA - MOBILE  
Thierry CAILLARD  
Tel. : +1 251 434 6354  
tcaillard@aaa-aero.us

MOROCCO - CASABLANCA  
Jean-Marie DUJARDIN  
Tel. : +212 5 22 53 94 91  
jmdujardin@asm-aero.ma

SPAIN - SEVILLE  
Pierre REBEL  
Tel. : +33 6 85 97 30 11  
prebel@aaa-aero.com

INDIA - BANGALORE  
UAE - DUBAI

PHILIPPINES - MANILLA  
David NOUVELOT  
Tel.: +63 917 552 27 74  
nouvelotd@powertechasiapacific.com

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Phillippines - China



Morocco



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

# *Final Assembly Line Integration and Flight Line Services*



*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.

## FAL Integration and Flight Line Services

For more than 20 years, AAA has been supporting major aircraft manufacturers for their FAL and integration needs. From technical assistance, AAA has successfully developed a workpackage approach to meet the increasing requirements of the aerospace industry. With our worldwide presence, close to our major customers' facilities, we are able to perform all structural, mechanical, electrical and cabin within assembly lines.

This is possible thanks to our skilled locally-based teams all over the world. Our deliverables are managed through milestones, quality gates, return on experience and corrective action plans in order to provide best cost, quality and on time efficiency.

## Capability

From major constituent assembly preparation to flightline and delivery centers

Pre-FAL	System Installation	Station Management	Flight Line	Other FAL activities
<ul style="list-style-type: none"><li>• Section preparation</li><li>• Wings</li><li>• Fuselage</li><li>• Empennage</li><li>• Mylar &amp; NFT installation</li><li>• Test assistance</li><li>• Wiring installation</li></ul>	<ul style="list-style-type: none"><li>• Engines</li><li>• APU</li><li>• Wheels</li><li>• Fire extinguishers</li><li>• Air inlets</li><li>• Fuel</li><li>• Hydraulics</li><li>• Oxygen</li><li>• Water</li><li>• Doors &amp; windows rigging</li><li>• Landing gear</li><li>• Air conditioning</li><li>• Electrical equipment</li></ul>	<ul style="list-style-type: none"><li>• Global station management</li><li>• Quality gates management</li><li>• Aircraft folio management</li><li>• Coordination &amp; scheduling of supplier activities</li><li>• Internal and external reporting</li><li>• Multi-functional team coordination</li><li>• Zone visit and closures</li></ul>	<ul style="list-style-type: none"><li>• Aircraft preparation for first flight</li><li>• Ferry flight</li><li>• Delivery</li><li>• Troubleshooting</li><li>• Safety pre &amp; post-flight visits</li><li>• Suppliers coordination</li><li>• Late modifications</li><li>• Flight test support</li><li>• Support for delivery phase</li></ul>	<ul style="list-style-type: none"><li>• Aircraft management in outlocated paintshops</li><li>• Retrofit</li><li>• Refurbishing</li><li>• Reconversion</li><li>• Management of non-serial working parties</li></ul>

# Reliability

AAA brings together qualified workers to set up autonomous on-site teams for FAL and Flight Line activities :

## Skills & Qualifications

Industrialization	Quality inspectors	Operators		Complementary
<ul style="list-style-type: none"> <li>▶ Work Order preparation</li> <li>▶ Technical assistance and investigation</li> <li>▶ Internal and external coordination and reporting</li> <li>▶ Management of performance through quality gates and milestones</li> <li>▶ Logistical management (ordering, flow management, production control)</li> <li>▶ Corrective actions and continuous improvement</li> </ul>	<ul style="list-style-type: none"> <li>▶ Visual inspection</li> <li>▶ Non destructive tests (MT/UT/PT)</li> <li>▶ Continuous improvement</li> <li>▶ Correction actions</li> <li>▶ Modification management</li> <li>▶ Recurrence analysis and process modification</li> </ul>	<p><b>Electrical</b> (wiring, harness routing, connection, continuity test)</p> <p><b>Structural</b> (primary and secondary structure on fuselage, wings, cockpit, empennage)</p> <p><b>Composite repair and modifications</b></p>	<p><b>System</b> (fuel, hydraulics, oxygen, flight controls, air conditioning and bleed pipes, water, fire extinguisher, water/waste)</p> <p><b>Cabin</b> (Galleys, business &amp; tourist class seats, pilot and crew seats, lavatories, floor to floor, hatrack, cargo, crew rest bunk)</p>	<ul style="list-style-type: none"> <li>▶ FOD</li> <li>▶ Damage awareness</li> <li>▶ Composite environment</li> <li>▶ SAP modules</li> <li>▶ Zone access management</li> <li>▶ Tutoring</li> <li>▶ Management training</li> </ul>

## Certificates

Master Supplier Agreement as tier 1 with Airbus for aerostructure activities and capability to subcontract to tier 2 partners



# Efficiency

## Our Assets



**Worldwide presence for global customer assistance**



**Custom-built workpackages with multi-functional teams**



**Management on a result based approach and all-inclusive packages**



**Contractual Management in close relation with our customers**



**Flexible organization regarding schedule and functional deadlines**



**AAA Training Center capacity to improve support functions efficiency**

## Our main 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