FRENCH AEROSPACE & DEFENSE INDUSTRY:

6th to 11th of November 2018

Participating companies

In Hall 3 & 4

French Aerospace, Defence and Security Industry
The French aerospace industry, gathered by GIFAS, is delighted to be part this edition again of the China International Aviation & Aerospace; an excellent opportunity for the small and medium French firms to meet their local and international counterparts and join the challenge in search of success and setting up local partnerships.

With more than 390 members, GIFAS is a professional body which brings together the main French aviation, space, defense and security players.

Our main objectives:
- Represent and coordinate the industry’s activities.
- Analyse and defend members’ interests (trade – standardization – environment, etc.).
- Promote our aerospace excellence.

Since 1909, GIFAS and the French industry organize, every two years, the International Paris Air Show:

Le Bourget – Paris Air Show

The world’s largest and longest-running aerospace event
53rd Paris Air Show will be held from June 17th to 23rd, 2019
GIFAS (Groupement des Industries Françaises Aéronautiques et Spatiales), the French Aerospace Industries Association, is an industry body formed in 1908, that brings together some 400 companies ranging from the main prime contractors and system suppliers to SMEs that together form a cohesive, supportive and hard-driving high-technology sector specializing in the design, development, construction, marketing and maintenance of all aeronautical and space programmes and equipment, both civilian and military, as well as defence and security systems – planes, helicopters, drones, engines, devices and missiles, satellites and space launchers, major systems and equipment.

- 2017 revenues: €64 bn
- 2017 total orders: €68.2 bn
- +5 years secured backlog
- 190,000 people (total employed in France by GIFAS members)
- 85% to export (consolidated revenues)
- 76% to export
- Trade surplus in 2017: €17 bn

www.gifas.fr  @GifasOfficiel  @GifasOfficiel
ADR designs and manufactures rotating systems and high precision ball bearings, specific electromechanical actuators, mechanisms and micro-mechanisms for electrical-optical applications. Solutions proposed by ADR comply with demanding environments, such as defence and security, aeronautics, space, science and high technology in general.

With its strong experience, ADR is familiar with the specific technical needs of these markets.

In addition, in order to optimize the solutions put forward, partnership working relations are enhanced by direct close contacts between ADR’s engineering office and those of its clients.

**Contact:**
Sonia SEQUEIRA  
Key Account Manager  
ssequeira@adr-alcen.com  
+33 (0)6 14 86 51 92

ADR  
12 Chemin des Prés  
77810 THOMERY  
FRANCE

www.adr-alcen.com
MAIN ACTIVITY:
SUPPLY AND DISTRIBUTION OF MATERIALS AND PARTS FOR THE AEROSPACE INDUSTRY

ANNUAL TURNOVER (in €M): 10

Distribution of Aircraft and Helicopter materials and parts dedicated for the Aerospace Industry - Supply chain and Maintenance:
- Hardwares and fasteners
- Electrical and mechanical components
- Composites materials
- Chemical products
Certification: ISO9001 and EN9120  Qualification : Airbus Helicopters

Contact:
Cecile CHOI
Tel. +33146218980
sales@aeroequipement.com

AERO EQUIPEMENT
257 Avenue le Jour se Lève
92100 Boulogne Billancourt
FRANCE

www.aeroequipement.com

French Aerospace, Defense and Security Industry
MAIN ACTIVITY:
AUBERT & DUVAL DESIGNS AND PRODUCES CUTTING-EDGE METALLURGICAL SOLUTIONS FOR HIGH-TECH INDUSTRIES

ANNUAL TURNOVER (in €M): 1087 (Eramet Alloys)

Special steels, Superalloys, Aluminum alloys and Titanium alloys for Aerospace and high-technology industries. Closed-die and open-die forgings, bars and sheets, powders for HIP parts or additive manufacturing. Typical aerospace applications include large and medium forgings, semi-finished products for aircraft and helicopter engines (shafts, fan disks, spinners, etc.), structural parts (airframes fittings, hinges, engine pylons, transmission components) and landing components (main fittings, sliding tubes, braking systems, etc.).

Contact:
Mohamed BOUZIDI
VP Business Unit Aerospace
Representative in China:
Henri MA
henri.ma@eramet-aubertduval.com

AUBERT & DUVAL
10 boulevard de Grenelle - CS 63205
75015 PARIS
France
www.aubertduval.com
Bolloré Logistics is a worldwide leader specialized in International Transport, Logistics, Customs Compliance & Supply Chain Management.

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Contact:
Warren WANG
Vertical Market Director-Greater China
warren.wang@bollore.com
Phone: +86 21 3395 0566

BOLLORE LOGISTICS CHINA
24th fl., East Bldg, New Hualian Mansion, 755 Middle Huaihai road
200020 SHANGHAI
CHINA
www.bollore-logistics.com
Clemessy provide test benches for aircraft equipment (actuators, THSA, Landing gear, engine components, TRAS, helicopter MGB, ...). These test equipments are used in R&D, Production and MRO phases. Clemessy can also be addressed for Production line supplying. His Chinese partner ZENARIAT-XiangXuan provide aerospace marketing services, design & integration engineering for test benches, sales of special parts for aircraft and engines.
Defontaine is a leading manufacturer of complex circular parts for aerospace and energy. Defontaine produces Near Net Shape Flash Welded Rings, machined rings, segments, machined and fabricated casings in titanium, nickel or cobalt base alloys, aluminum and stainless steel for aero engines, nacelles and aircraft. Sizes range from 150mm to 6000mm. Defontaine delivers parts to major aerospace OEMs and their suppliers worldwide for numerous civil and military programs. Defontaine supports its aerospace customers in China through its wholly owned subsidiary Defontaine Qingdao established locally since 2007.

Contact:
Claire Wang
Commercial Manager
Tel: + 86 532 86612836
E-mail: Claire-wang@defontaine.com

Defontaine (Qingdao) Machinery Co., Ltd - No.637, Guangda Road, Lingang Industrial Zone, Huangdao District, Qingdao, China

www.defontaine.com
Esterline is a highly diversified, global manufacturer of custom engineered solutions for the aerospace and defense markets, operating through three distinct business segments: Avionics & Controls featuring CMC, TREALTY, AVISTA, BVR, CODIS, KORRY, MASON, PALOMAR, and RACAL ACOUSTICS products; Sensors & Systems featuring AUXITROL, NORWICH, WESTON, SOURIAU, SUNBANK, and LEACH products; Advanced Materials featuring ARMTEC, DARCHEM, NMC, and TA products, and HYTEK FINISHES.

Contact:
Summer Dong
Sales & Account Manager (China)
Email: summer.dong@esterline.com
Mob: +86 13392103126

Esterline Services China
#A-309, Weiguan Zhiku Industrial Park, Guangzhou 510890, Guangdong CHINA

www.esterline.com
ACTEM is specialized in the design and manufacture of electro-acoustic equipment: microphone and earphone transducers supplied as OEM parts, a large range of headsets with or without Active Noise Reduction, for pilots and other staff, wireless communication systems short and medium distance range, and many communication accessories.

At MAKS 2017, Factem introduces its newest generations of headsets for pilots. The EF7, which includes ANR, performs efficiently in hard noisy environments. It is used in civil and military aircrafts. The latest ETSO certified lightweight FL20 is designed for use in commercial and business aviation cockpits as well as in control rooms. This range is declined in standard, with ANR, monoaural and listening only.

Contact:
Sophie Durieu
Sales Director
sophie.durieu@factem.com
Mob: +33 6 49 85 52 41

FACTEM
32 route de Caen
14400 BAYEUX
FRANCE

www.factem.com
MAIN ACTIVITY:
AERONAUTICAL SUBCONTRACTING

ANNUAL TURNOVER (in €M) : 372 in March 2018

Figeac Aero is the European specialist for the production of metal parts and sub-assemblies in the aerospace sector. The Group offers skills in:
- Machining of detailed parts in light alloy (aluminium) and hard metals (titanium, Inconel, stainless steel...)
- Sheet metal and aerospace forming activities
- Surface treatment
- Manufacturing of aerospace sub-assemblies

Figeac Aero produces parts and sub-assemblies on both the small and large aircraft series for the ongoing and future major civil and military programs.

Contact:
Mr Nicolas GENETEAUD
Marketing Manager
Mobile: (+33)6.46.33.55.61
nicolas.geneteaud@figeac-aero.com

FIGEAC AERO
Zone Industrielle de l’Aiguille, 46100
Figeac
FRANCE
Phone: (+33)5.65.34.52.52
https://www.figeac-aero.com/

French Aerospace, Defense and Security Industry
MAIN ACTIVITY:
Manufacturer and specialist of Custom Laminated Shims

ANNUAL TURNOVER (in €M) : 5

We are a manufacturer and specialist of Custom Laminated Shims based in our own purpose built factory complex, just outside Paris, France with a North American subsidiary in NY-New York, a German subsidiary in Cologne and a Chinese subsidiary in Shanghai. Lameco is an ISO 9001 and EN 9100 certified; family owned and operated premier quality manufacturing company which has been in business for 44 years. We have patented and developed 63 laminated materials and products among those:
- Intercomposite®: composite Laminated Shims;
- X.Fiber®: high-resistance composite Laminated Shims;
- DuoPeel®: visual bilaminate composite peel-off shims with PET sheets and metalized polyester sheets;
- Instant-Peel®: metal as easy to peel as composite;
- CurvPeel®: ergonomic curved Laminated Shims.

X.Fiber®, Intercomposite®, DuoPeel®, Instant-Peel® and CurvPeel® Shims are much sought after by the aviation industry.

Contact:
China: Wang Wei, Sales Director, wei.wang@lamecogroup.com and lameco.indtech@lamecogroup.com, 186 1633 2161
France: Daniel Gastel, GM, CRM, daniel.gastel@lamecogroup.com, +33 607 516 405

LAMECO FRANCE:
2 bis, rue Blaise Pascal - ZA de Pissaloup 78190 TRAPPES

LAMECO SHANGHAI:
Technology Co., Ltd.: Room 101, No. 3 building, 115 Xin Jun Huan Road, Minhang District, Shanghai, Post code: 201114

www.lamecogroup.com

French Aerospace, Defense and Security Industry
MAIN ACTIVITY:
AEROSPACE COATINGS & FINISHES

ANNUAL TURNOVER (in €M) : 27 M€ turnover 2016

MAPAERO develops, manufactures and markets aircraft coatings according to its customers specifications, with a specialty on water-based and other environmentally friendly advanced coatings.
- Paints for cabin and cockpit interiors designed for OEM and Airlines & MRO activities.
- Water reducible paints for OEM airframes.
- Paint for exterior designed for OEM and MRO activities.
- Special paints providing anti-skid, antistatic, anti-erosion properties!

Contact:
Jeremie RIGUIDEL
Director Mapaero HK Ltd
j.riguidel@mapaero.com
Mobile : +86 18380244858

Mapaero
10 Avenue de la Rijole
09100 Pamiers
France

www.mapaero.com

French Aerospace, Defense and Security Industry
MAIN ACTIVITY:
AIRCRAFT TIRES MANUFACTURER

ANNUAL TURNOVER (in €M):

MICHELIN AIRCRAFT TIRES, A FEW INCHES² HELPING THE WORLD TO FLY
The only contact an aircraft has with the ground.
When taking off and landing, or guiding the aircraft while taxiing.
A few inches² of first-class, high-performance Michelin aircraft tires.
For Commercial, Regional, Military and General Aviation
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MICHELIN® AIR X® - Legendary Radial performance from Michelin

MICHELIN® PILOT® - High performance Bias tire for piston and turboprop aircraft

MICHELIN® AIR® – The Bias tire as the right balance of performance and durability.

Contact:
Mr Henry ZHU
Commercial Director
henry.zhu@michelin.com
+86 13788989057

MICHELIN AIRCRAFT TYRE CHINA
Block 7,518, North Fu Quan Road,
Chang Ning District,
Shanghai, 200335, P.R.

http://aircraft.michelin.com

MICHELIN® AIR X® - Legendary Radial performance from Michelin

MICHELIN® PILOT® - High performance Bias tire for piston and turboprop aircraft

MICHELIN® AIR® – The Bias tire as the right balance of performance and durability.
MAIN ACTIVITY:
SOLUTIONS FOR CNC MACHINES' PRODUCTIVITY IMPROVEMENT

ANNUAL TURNOVER (in €M) : 10

NCSIMUL virtually builds the real-life machining environment to avoid errors, decrease set-up times and switch CNC program between machines. It performs to increase shop floor productivity and reduce manufacturing costs. Flexible and automated digital CNC process consisting of G-code simulation, optimization, digital tool and document management, and automatic part transfer with adaptive conversion of your G-code programs.

We are looking for Manufacturing Companies wishing to reduce their costs of machining, increase workshop OEE and flexibility...

Contact:
Eric LEMAIRE
Asia-Pacific Manager
elemaire@ncsimul.com
(+86) 13439354276

SPRING TECHNOLOGIES HQ
261 rue de Paris
93556 Montreuil Cedex
FRANCE

www.ncsimul.com

*NCSIMUL is the all-in-one SOLUTIONS for smart CNC machining embedding 5 axis simulation software*
The Nexans product portfolio is comprehensive covering nearly all aerospace requirements. From airframe wires and cables to fire-zone and high-temperature cables, from power feeders to coax, databus, quad Ethernet, optical fiber for IFE and sub-systems. For every application, Nexans has a solution. For special needs, like flexibility, dynamic cut-through resistance, electromagnetic interference resistance, corona resistance, we can supply products customized to specific customer requirements that can be used in various types of harnesses. As a global leader in advanced cabling and connectivity solutions, Nexans brings energy to life through an extensive range of best-in-class products and innovative services.

Contact:
Ada He, Aerospace Sales Manager
ada.he@nexans.com
+86 1391 849 0660

Nexans Room 1102-1104, Greentech Tower, #436 Hengfeng Road
Jing’An District
Shanghai 200070
CHINA

www.nexans.com
MAIN ACTIVITY:
DEVELOPMENT, MANUFACTURING AND MARKETING OF BEARINGS

ANNUAL TURNOVER (in €M): €1.5b (2017)

NTN-SNR BEARINGS established in France since 1916 with a total of 13 production sites and around 6000 employees worldwide is the European arm of NTN Corporation. We are specialized in designing, developing, manufacturing and marketing bearings. In addition to a full range of ISO standard bearings of any types, NTN-SNR is also specialized in custom-made bearings with integrated functions beyond rotation such as power transmission, fixing, lubrication, sealing or mechatronics.

NTN-SNR is the leading manufacturer of super-precision bearings for all kinds of aerospace and high-tech applications, such as Aircrafts, Helicopters, Space and High-Precision applications. We also provide aftermarket services with MRO services for aero-engines bearings.

Contact:
Bruno SALVI
Key Account Manager APAC
+852 6151 2974
bruno.salvi@ntn-snr.fr

NTN-SNR ROULEMENTS
1 rue des Usines
BP 2017
74010 Annecy
FRANCE

www.ntn-snr.com

100 years of innovation, passion and stories – and there’s no end in sight!
Since 2001, PSD AERO has become a major European player in the distribution of metallurgical products for aircraft construction. Our main business is the storage, trading and first transformation of metallic raw materials used for aircraft construction, helicopters and engines. We supply a complete range of technical products including but not limited to Stainless steel, Titanium, Inconel, Aluminium and Copper, delivered in various shapes including bars, sheets, plates and pipes.

With 5 warehouses in France and a stock turnover of 5500 tons a year, PSD AERO is a favorite partner and first-tier supplier of AIRBUS and SAFRAN on the French market and is well-established internationally with 5 representative offices and storage locations worldwide.

Contact:
Pauline LAMBERT
General Manager
plambert@paris-st-denis.com
+33 3 44 60 71 69

Paris Saint Denis Aero
5 bis avenue G Bataille
BP 70 60330 Le Plessis Belleville
France

www.pdsaero.com
Safran is an international high-technology group, operating in the aircraft propulsion and equipment, space and defense markets. Safran has a global presence, with more than 58,000 employees worldwide, and logged sales of 16.5 billion euros in 2017. Comprising a number of companies, Safran holds, alone or in partnership, world or European leadership positions in its markets. Safran undertakes extensive Research & Development programs to keep pace with its fast-evolving markets, including expenditures of 1.4 billion euros in 2017.

In February 2018, Safran took control of Zodiac Aerospace, significantly expanding its aircraft equipment activities. Together with Zodiac Aerospace, Safran has more than 91,000 employees and would have around €21 billion in adjusted revenue (pro forma 2016).

Contact:
Philippe BARDOL
General Manager of Safran China
philippe.bardol@safrangroup.com

501, Tower B, Jiaming Center, No.27 Dongsanhuan North Road, Chaoyang District, Beijing 100020 CHINA

https://www.safran.cn/
MAIN ACTIVITY:
AIRCRAFT BATTERIES

ANNUAL TURNOVER (in €M) : 749

Saft is the world’s leading supplier of Nickel based and Li-ion battery systems for the aeronautical industry. Saft systems are on-board two-thirds of the worldwide fleet of aircraft. Aviation batteries provide emergency back-up power, as well as starting power for the APU (auxiliary power unit) and electrical bus support.

When it comes to support, our global distribution network is ready to respond to customer needs. We provide certified repair and maintenance battery shops as well as in-house dedicated support and service teams and battery maintenance training.

Contact:
Fabio Ambra
fabio.ambra@saftbatteries.com
Tel: +33 1 58 63 16 23

Saft
26 quai Charles Pasqua
92300 Levallois-Perret
France

www.saftbatteries.com
SKF’s vision to equip the aerospace industry with SKF knowledge is supported by a long-standing experience in the industry and worldwide exposure to customers’ needs. This legacy, combined with both a global and local presence, makes SKF Aerospace a trusted resource for highly engineered, customized solutions and services for airlines and manufacturers of aircraft, helicopters and engines. SKF Aerospace provides solutions include bearings, seals, rods, precision elastomeric devices for airframes, aero-engines and gearboxes. Answering the major challenges of the industry, SKF R&D is focused on the “next generation” of helicopters, airplanes and engines with enhanced capabilities.

Contact:
SKF Aerospace France
Marketing and communication
delphine.bosc@skf.com
+33 4 28 08 00 14

SKF Aerospace France
22 Rue Brillat Savarin
26300 Chateauneuf-sur-Isère
France

www.skf.com
Since 1972, SOCOMORE creates, manufactures and commercializes expert solutions for use on metallic and composite surfaces during manufacture, assembly and maintenance operations: critical surface cleaning, preparation, treatment and protection, non-destructive testing, structural adhesives and moldable shims, etc. More than 60 airlines or MRO companies approved our products in China, Hong Kong, Laos, Malaysia, Philippines, Maldives, Singapore, South Korea, Thailand, Vietnam. Our main clients include COMAC, AVIC, Airbus Tianjin, Snecma Suzhou, GAMECO, AMECO, STARCO etc. Our local, exclusive distributors are E-AERO, China, and TOPCAST, Hong-Kong and Taiwan.
Meet our Asian/Chinese team on GIFAS booth.

Contact:
Morgan L'HOURRE
Regional Sales Manager - Asia
Email: mlhourre@socomore.com
Mobile: +86 1381 635 8327

Socomore
ZI du Prat - Avenue Paul Dupleix
CS 23707
56037 Vannes Cedex
FRANCE
www.socomore.com
The people we all rely on to make the world go round – they rely on Thales. Our customers come to us with big ambitions: to make life better, to keep us safer. Combining a unique diversity of expertise, talents and cultures, our architects design and deliver extraordinary high technology solutions. Solutions that make tomorrow possible, today. From the bottom of the oceans to the depth of space and cyberspace, we help our customers think smarter and act faster - mastering ever greater complexity and every decisive moment along the way. With 65,000 employees in 56 countries, Thales reported sales of €15.8 billion in 2017.

Contact:
Elisabèth DUBICQ
Exhibitions & Events Project Manager
elisabeth.dubicq@thalesgroup.com
+ 33 6 73 51 11 34

THALES
Tour Carpe Diem
92080 – Paris La Défense
FRANCE

www.thalesgroup.com
MAIN ACTIVITY:
GLOBAL LEADER IN MANUFACTURING AIRCRAFT SYSTEMS AND COMPONENTS

ANNUAL TURNOVER (in €M): 1150 in FY17

Triumph Group - Integrated Systems is a global leader for Aerospace systems for Fluid-power, Mechanicals actuation, Fuel Systems, Gear Systems and Electro-mechanical actuation, used for
• Fuses, pumps, motors, power packs, valves, accumulators, quick disconnect couplings, snubbers/dampers, hydraulic actuation for landing gear, door, up-lock, utility, primary flight controls
• Ball bearing and sliding push/pull control cables, throttle quadrants, hold open rods & struts, holdback bars, latches, keepers
• Main fuel pumps to hydro-mechanical metering units & FADEC systems
• Supportf or engines, fixed wing & helicopters, engine/airframe accessory gearboxes and drives, internal gearboxes, power transmission and actuators
• Electro-mechanical actuation used in landing gear door, up-lock, utility & primary flight controls

Contact:
Philippe LANGLOIS
Sales Director
planglois@triumphgroup.com
+33 6 77 83 36 05

TRIUMPH CONTROLS FRANCE
2, avenue de la Carelle
94290 Villeneuve le Roi
FRANCE

www.triumphgroup.com

French Aerospace, Defense and Security Industry
WeAre is a French group and a world leader aerospace manufacturer of small detail parts and assembly for the aerospace, medical and defence industry. Its heritage in aerospace dates back from 1956 and today it has over 27 manufacturing sites worldwide within 4 Parks. In 2018 it will achieved an annual sales of 250 M€ with a workforce of 2000 professionals dedicated in precision manufacturing. Offering a wide range of Technology and Skills, WeAre is developing an Ecosystem with vertical integration from Design office, Material, Machining, Surface Treatment, R&D, Innovation also University and Academy which are our core values.

Contact:
Seven Zhang
Chief Commercial Executive China
mobile +8618602966327
seven.zhang@weare-aerospace.com

Ludovic BARBIER
Weare International – C.T.O.
mobile +86199 4134 7101
ludovic.barbier@weare-aerospace.com
MAIN ACTIVITY:
INTERNATIONAL PARIS AIR SHOW

PRESENTATION:
The 53rd International Paris Air Show will take place from 17 to 23 June 2019. It will bring together all the players in the global industry around the latest technological innovations. The 2,381 Exhibitors, 142,000 Trade visitors, 140 Aircraft, 290 Official delegations and 3,450 worldwide journalists in 2017 reaffirm the International Paris Air Show as the largest Airshow in the world.
Innovation and digital technology in aerospace were the keywords of the 52nd edition through the new area Paris Air Lab. Featuring collaborative work from industrial groups, companies, and startups; conference debates on the future of the field; startup pitches; immersive experiences and more, the Paris Air Lab has something for everyone.
Do not miss this opportunity to be part of the industry’s most outstanding and innovative event!

Contact:
Karima CHEHBOUN
Deputy Sales Director
karima.chehboun@siae.fr

SIAE
8 rue Galilee
75116 PARIS
FRANCE

www.siae.fr

French Aerospace, Defense and Security Industry
FRENCH AEROSPACE INDUSTRIES ASSOCIATION

PARTICIPATING COMPANIES

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AERO EQUIPMENT
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