

Aerospace Suppliers



AICHI-NAGOYA

THE HEART OF JAPANESE AEROSPACE

PARTICIPANTS OF AEROMART TOULOUSE 2018

AERO INC.

AKEVONO INDUSTRY.,LTD.

KAGA SANGYO CO.,LTD.

Kouwa-tec Co.,Ltd.

Takasago Electric, Inc.

WADA Aircraft Technology Co., Ltd.





AKEVONO INDUSTRY.,LTD.

<http://www.akevono.co.jp>

Business Overview

Akevono Industry meets customers' needs and solves problems. We help to create elaborate products and machine tools for the aircraft and automobile industries. We offer outstanding products at reasonable prices.

Products · Materials · Part Size · Facilities & Equipment

Machine	Maker	Model name	X-axis Y-axis Z-axis	Type	Introduced
Horizontal spindle machining centers	JTEKT Corporation	FH550SX	750x800x850mm	500x500 (pallet dimensions)	Jul. 2008
Vertical spindle machining centers	Matsuura Machinery Corporation	MX520	630x560x510mm	5-axis	Jan. 2014
Vertical spindle machining centers	BROTHER	M140x1	200x440x305mm	5-axis	Nov. 2014
Vertical spindle machining centers	DMG MORI Co., Ltd.	DMU100	1000x1250x1000mm	5-axis	Nov. 2015
NC lathes	Okuma Corporation	LB300		Drum type	Mar. 2007
CNC cylindrical grinders	JTEKT Corporation	GL4P-S50 III	Distance between centers 500mm		Aug. 2013

Our Strength

First we propose the production method, then fix the production process together with the customer.

Superior processing technology

- 1) JR Maglev superconducting magnet cooling equipment
- 2) Humanoid robot exhibited at Aichi Expo 2005
- 3) Special bolts

Flexible customer service

Meeting the needs of customers, such as lot production, rapid delivery, low price

Needs and Business partners we want

We manufacture mainly prototype parts for automotive, other mass production parts and precision machinery parts. We supply products to customers with high quality and short delivery time. We also actively approach other than the automobile industry to become a manufacturer "Akevono Industrial", we continue to pursue technology improvement.

Office & Plants

Head Office : 55-1 Minamiutaguchi, Satomachi, Anjoh, Aichi 446-0001, Japan
Subsidiary : Sawada Plant co.,Ltd. , 3-25 Yoshino, Sohara, Kagamigahara, Gifu 504-0846, Japan

Address 55-1 Minamiutaguchi, Satomachi, Anjoh, Aichi 446-0001, Japan

Tel +81-566-97-0677

Email info-2@akevono.co.jp

Website <http://www.akevono.co.jp>

Contact Person Akitaka Sugiyama

Capability Category Small & medium size of aircrafts parts.
Precision machinery parts processing.
Equipment parts processing, robot parts,
machine tool parts processing



Representative Akitaka Sugiyama

Sales Amount US\$19.0M (¥112/\$)

Capital US\$304K

Employees 70

Established 1970

Certifications ISO 9001, ISO 14001, JIS Q 9100

Key Customers AISIN Group
JTEKT Corporation
FANUC CORPORATION

Company Profile



AERO INC.

AERO INC. (AERO GROUP)

<http://www.aeross.jp>

Address	2-65-27 Kusunoki, Yatomi, Aichi 498-0066, Japan
Tel	+81-567-66-3501
Email	contact@aeross.jp
Website	http://www.aeross.jp
Contact Person	Ryan Locascio Senior Manager Sales Department Aircraft Manufacturing Division
Capability Category	Major aerostructures assembly, Sub assembly Engineering Product development Trading



Representative	Noriharu Nishimura
Sales Amount	32M USD(AERO GROUP 68M USD)
Capital	US\$208,333
Employees	500
Established	May-97
Certifications	JIS Q 9100, JIS Q 9001, JIS Q 14001
Group Name	AERO GROUP
Key Customers	Mitsubishi Heavy Industries, Ltd. Kawasaki Heavy Industries, Ltd. Subaru Corporation Shinmaywa Industries, Ltd.

Business Overview

Aero Inc., part of Aero Group, is a medium sized aerostructures assembly integrator located in Japan. We handle large, medium and small assemblies. We also provide supply chain solutions in the greater Asia region.



Products · Materials · Part Size · Facilities & Equipment

- Two factories: 8000 m²
- Automation equipment: Ascent aerospace gantry style drilling & riveting machine
- Paint booths

Our Strength

- Full assembly integration in Japan for medium sized assemblies for low rate to medium rate programs.
- Japanese quality, highly competitive pricing
- Flexible company that can support a large array of solutions for manufacturing in Japan

Needs and Business partners we want

- Looking for medium rate to slow rate, metallic assembly programs
- Auxiliary systems integrator assembly package programs
- Business support in Japan
- Manpower support in Japan

Office & Plants

Nagoya area : 7 Factories, 3 Offices,
Malaysia : 1 Office, 1 Factory(On-site production begins in 2019)



Kouwa-tec Co.,Ltd.

<http://www.kouwa-tec.co.jp>

Address	13-1 Nunouchi Tomitsuka Ama-City Aichi 490-1202 Japan
Tel	+81(0)52-442-0113
Email	info@kouwa-tec.co.jp
Website	http://www.kouwa-tec.co.jp
Contact Person	Toshinobu Hayashi
Capability Category	Kouwa-tec is a parts manufacturing company.



Representative	Toshinobu Hayashi
Sales Amount	
Capital	US\$90K(¥ 112/\$)
Employees	
Established	
Certification	ISO 9001 JIS Q 9100
Key Customers	Mitsubishi Heavy Industries, Ltd. ShinMaywa Industries, Ltd.

Business Overview

We manufacture parts of aircraft, rocket, and medical equipment.

In order to match customer requirements, we can process thin, so hard or difficult-to-cut materials.

With abundant processing experience and achievements, it is possible to manufacture according to prototype and mass production.

Products · Materials · Part Size · Facilities & Equipment

We have specific technology in precision machining by state of the art machines and equipment. (3 axis, 4 axis, 5 axis machining centers; CMM for 3D inspection according to CAD Drawings.

We supply aircraft parts as well as parts for IT industry and machine tools.

(Material size: X2000mm Y1000mm Z800mm)

Machining parts of all Aluminum, 64 Titanium, 15-5PH Stainless, Inconel 718 and HRC60 High Strength Steel;

Especially processing thin material. Processing to about 1mm thickness is possible by a length of 2,000mm.

Our Strength

Cost Reduction expected (according to Benchmarking in House) by KAIZEN

- High speed (RPM) NC machines.
- Less number of Jigs and Tools
- Unattended operation for 24 hours (Automatic 21 — face pallet changers)
- NC data programed by CATIA Vr.5 and assured by VERICUT enable to reduce machining troubles and processingtime with high quality for FAI

Needs and Business partners we want

We mainly manufacture airframe parts, and we are planning to manufacture engine parts. We solve customers' problems by proposing the most effective solution based on our experiences. A design frequently changes from the original one as a new aircraft model is established, so it is expected to respond in a short delivery period. We can meet the demands with our instantaneous force.

Office & Plants

13-1Nunouchi Tomitsuka Ama-City Aichi 490-1202 Japan



KAGA SANGYO CO.,LTD.

<https://www.kagasangyo.co.jp/en/>

Address	1-8-7 Shirakane, Showa-ku, Nagoya-shi, Aichi 466-0058, Japan
Tel	+81-52-241-7131
Mobile	+81-90-9260-2295
Email	soumu_kyotsu@kagasangyo.co.jp
Website	https://www.kagasangyo.co.jp/en/
Contact Person	Yuki Hashimoto Sales Development

Capability Category	Assembly, Sub-Assembly for aircraft parts Functional Component, Equipment Part Machining (Airframe) Sheet metal Forming Special Process Tooling, Jigs, GSE Engineering/Design
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Representative	Osamu Mizoguchi
Sales Amount	US\$6.3K(¥ 112/\$)
Capital	US\$90K(¥ 112/\$)
Employees	172
Established	1973
Certifications	JIS Q 9100(EN9100 & AS9100 equivalent), ISO 9001, MHI QMS MSJ4000, KHI KQMS-7100, FHI FASOP-Q-009
Group Name	KAGA WORKS Co.,Ltd. SAM Corporation
Key Customers	Mitsubishi Heavy Industries, Ltd. Kawasaki Heavy Industries, Ltd. Subaru Corporation Mitsubishi Aircraft Corporation

Business Overview

Kaga cluster which is composed of more than 150 domestic suppliers and managed by us has been established to supply parts and assemblies for commercial aircraft, spacecraft and models of the military products. We can provide services from the designing stage to the delivery with the top quality assurance.

Products · Materials · Part Size · Facilities & Equipment

- Products
Commercial aircraft components/Military products
- Materials
Metal(Al,Steel,Ti,etc)/Nonmetal(resin,cloth,chemicals)
- Parts size
Max:9-10m
- Facility
3-axis/4-axis/5-axis/bending machine/turret punch press/injection molding machine/vacuum forming machine/etc.

Our Strength

Our company can handle full-turn-key orders of aerospace products even including the special processes. In addition, we provide the safety equipment. We also have the capability to design and develop the new products per the customer requests. We develop our own technology and register the patents. Some examples are ;removal of air bubbles from the sealants for lighting resistance inside the aircraft fuel tank.

Needs and Business partners we want

- Integrated production and parts production with metals, sesin, etc., including sub-assemblies of aircraft structures
- Niche products, product R&D, and emergency products
- Our company would like to have transactions with the Prime manufacturers and the tier-1 suppliers.

Office & Plants

HEAD OFFICE: 1-8-7, Shirakane, Shouwa-ku, Nagoya-shi, Aichi
Gifu Branch: 1-77, Unumakoigi-cho, Kakamigahara-shi, Gifu
Yokohama Office: Purumie-rusugita102, Sugita, Isogoku, Yokohama, Kanagawa
SHIM Center: 10-Ohe-cho, Minato-ku, Nagoya-shi, Aichi
(Mitsubishi Heavy Industries,Ltd., Nagoya Aerospace Systems, Works Composite, Wing Center Fabrication Factory)
Material Center: 3-21, Kagigaishikinishi, Kitanagoya-shi, Aichi
Kaga Works Co.,Ltd: 733-1, Shimotonooka, Iida-shi, Nagano



WADA Aircraft Technology Co., Ltd. (AERO GROUP)

<http://www.wadaaircraft.com>

Address	72-1 Gogashima, Haruhi, Kiyosu, Aichi 452-0962, Japan
Tel	+81-52-401-4711
Email	info@wadass.com
Website	http://www.wadaaircraft.com
Contact Person	Louie Bauldwin Alexander Hammond Marketing and Business Development
Capability Category	Parts Machining Workholding Jigs & Fixtures Ground Support Equipment Design Engineering Others



Representative	Noriyuki Wada, President
Sales Amount	US\$17M
Capital	US\$80,000
Employees	190
Established	1955
Certifications	JIS Q 9100, ISO 9001, JIS Q 9001, MSJ 4000
Group Name	AERO GROUP
key Customers	Mitsubishi Heavy Industries, Ltd. Kawasaki Heavy Industries, Ltd. Subaru Corporation ShinMaywa NIPPI

Business Overview

- The design and manufacture of workholding jigs and fixtures for the aerospace industry.
- The manufacture of parts for the aerospace industry.
- Manufacturing support for overseas companies entering the Japanese market.



Products · Materials · Part Size · Facilities & Equipment

Group	Specifications (X Y Z)	Maker	Number	Model name
5-axis machining center	324×114×56" [max.] (8,250×2,900×1,450mm)	SNK	6	RB300F, 250F, 200F MILLAC 1000VH
3-axis machining center	62×24×22" [max.] (1,600×610×560mm)	Okuma	9	MILLAC 611V2, 561V
CNC 3-dimensional measuring device	35×62×23" [max.] (900×1,600×600mm)	Mitutoyo	1	Crysta-Ape×916
Laser tracker	-	API	1	Tracker3
3D CAD	CATIA V5	Dassault Systemes	8	ASO, HD2
5-axis 3D CAM	Mastercam	CNC Software	6	5-axis

Our Strength

- Processing Systems
We perform design, manufacture, assembly, and quality assurance, as well as maintenance and refurbishments for composite and sheet metal molds, workholding fixtures, inspection jigs, and assembly jigs.
We have state-of-the-art facilities and equipment in order to satisfy various customer's requirements.
- Sheet Metal Forming Blocks
We have been manufacturing sheet metal forming blocks for use with rubber forming for over 50 years. We are continuously developing our manufacturing techniques to ensure stability and growth in quality whilst offering competitive costs.

Needs and Business partners we want

- Manufacturing of high-mix, low volume parts and tooling
- Manufacturing and business support for overseas Tier 2 and Tier 1 companies, together with OEMs

Office & Plants

Japan: 72-1 Gogashima, Haruhi, Kiyosu, Aichi 452-0962, Japan
Malasia: 7, Kompleks Niaga Melaka Perdana Jalan KNMP2A, 75450



Takasago Electric, Inc.

<http://takasago-elec.co.jp/>

Address	66 Kakitsubata, Narumi-cho, Midori-ku, Nagoya, Aichi, 458-8522, Japan
TEL	+81-52-891-2301
Email	info@takasago-elec.co.jp
WEBSITE	http://takasago-elec.co.jp/
Contact Person	Toshinobu Hayashi

Capability Category	<ul style="list-style-type: none"> ■ Solenoid valves, check valves and pilot valves for hydraulic or pneumatic systems ■ Air/gas valves for ventilation and oxygen supply systems ■ Pinch valves and liquid control devices for beverage service, galley and lavatory equipment ■ Proportional valves for fuel control ■ Electrical actuators (solenoids) ■ Precisely machined metallic and plastic parts ■ Various fluid control devices for space experiments
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Representative	Toshinobu Hayashi
Sales Amount	US\$ 900K (¥110/\$)
Capital	US\$ 37.5M (¥110/\$)
Employees	349
Established	1959
Certification	AS9100/JISQ9100/EN9100, ISO9001
Group Name	Yakasago Electric Ink.(Affiliated Company - Sumigomu Takasago Integrate Ltd.)
Major Customers	Shimadzu Corporation, GE Healthcare, Bio-Science AB, Hitachi High-Technologies, Corporation, etc.

Business Overview

Takasago has provided more than 8,000 different solenoid valves (Diagnostics, Analytical, Environmental, etc) and other fluidic control components over the last 50 years.

Products · Materials · Part Sizes · Facility & Equipment

Process	Category	Manufacturer	Model
Plastic Processing	CNC Lathe	EGURO LTD.	10EX
	MC	FANUC Robodrive Makino Milling Machine Co., Ltd.	A-T21IFa V-22
Metal Processing	5-axis Grinding Machine	ROKU-ROKU Co.,Ltd.	CEGA-SS400
	CNC Lathe	Mazak Corporation	QUICK TURN SMART 200L
	Combined Lathe	Nakamura-Tome Precision Industry Co., Ltd.	Super NTMX
		CITIZEN MACHINERY CO., LTD.	Cimcom A32
MC	Makino Milling Machine Co., Ltd.	a-51	
Molding	Injection Molding Machine	TOSHIBA MACHINE CO., LTD.	EC50SX
Measuring	Coordinate Measuring Machine	Carl Zeiss	DURAMAX5/5/5/CNC

Our Strength

- High-level of quality control with 50-year experience in the medical industry
- Custom design solution and high-mix low-volume production to meet various customer needs
- Customization and miniaturization to make your system light-weight
- In-house manufacturing; precision machining, assembling in a clean-room, function testing, etc.

Needs we can correspond / Business partners we want

- Liquid valves/pumps for beverage servers, galley inserts, Lavatories, etc
- Air valves/pumps for cabin environment control, oxygen supply, etc
- Valves/micro pumps for hydraulic/pneumatic systems
- Electromagnetic actuators (solenoids)
- Processing difficult-to cut materials, fluidic control units for on-board analytical instruments or space experiment setups

Office & Plants

<JAPAN> Headquarters: Nagoya, Branch Offices: Tokyo, Kyoto
 <U.S.A>TFS U.S. Branch Office : Massachusetts
 <China>Takasago Electric (Suzhou)Co.,Ltd: Suzhou
 Shenzhen Branch Office : Shenzhen



AICHI PREFECTURAL GOVERNMENT



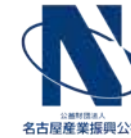
CITY OF NAGOYA



Chubu Aerospace Industrial Technology Center



AICHI INDUSTRY PROMOTION ORGANIZATION



Nagoya Industries Promotion Corporation



Chubu Bureau of Economy, Trade and Industry



Nagoya Chamber of Commerce & Industry



Japan External Trade Organization(JETRO)
JETRO NAGOYA



GREATER NAGOYA
INITIATIVE
Greater Nagoya Initiative Center

AICHI-NAGOYA AEROSPACE CONSORTIUM

CONTACT

Next Generation Industry Section, Department of Industry and Labor / Aichi Prefectural Government
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AICHI PREFECTURAL GOVERNMENT / CITY OF NAGOYA / Chubu Aerospace Industrial Technology Center / AICHI INDUSTRY PROMOTION ORGANIZATION / Nagoya Industries Promotion Corporation
Chubu Bureau of Economy, Trade and Industry / Nagoya Chamber of Commerce & Industry / Japan External Trade Organization(JETRO) JETRO NAGOYA / Greater Nagoya Initiative Center