
JAPAN GIFU
AEROSPACE
INDUSTRIES
Gifu Prefecture


JAPAN GIFU
AEROSPACE
INDUSTRIES

Gifu Prefecture's Aerospace Industry

- Gifu Prefecture boasts the 2nd highest number of aerospace-related companies in Japan, and the 3rd highest number of employees and shipment volume. As one of Japan's leading production bases, it supports the Japanese aerospace industry.
- The manufacturing of aerospace-related components requires high quality to ensure safety and reliability, and advanced technical capabilities and a sincere manufacturing system are essential.
- This brochure introduces attractive aerospace-related companies in Gifu Prefecture. Please use it when seeking new business partners.

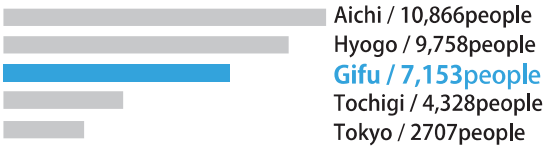
Number of companies

Aircraft industry: approximately **90** companies

Space industry: approximately **50** companies

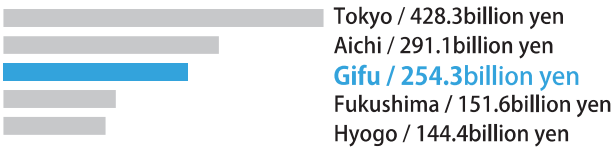
Number of employees

7,153people, the 3rd highest in Japan



Shipment volume

254.3billion yen, the 3rd highest in Japan

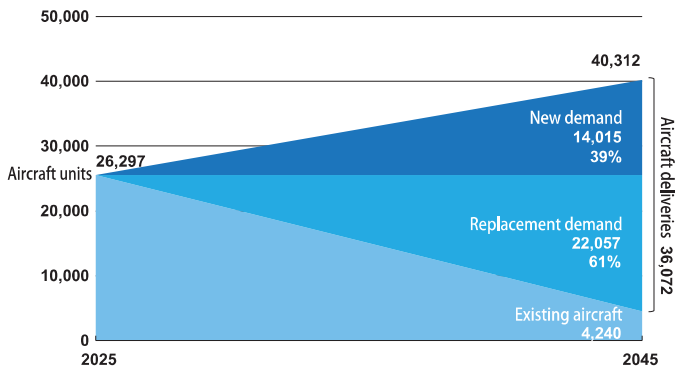


Source: 2021 Economic Census Activity Survey, 2025 Economic Structure Survey

The Future of the Aerospace Industry

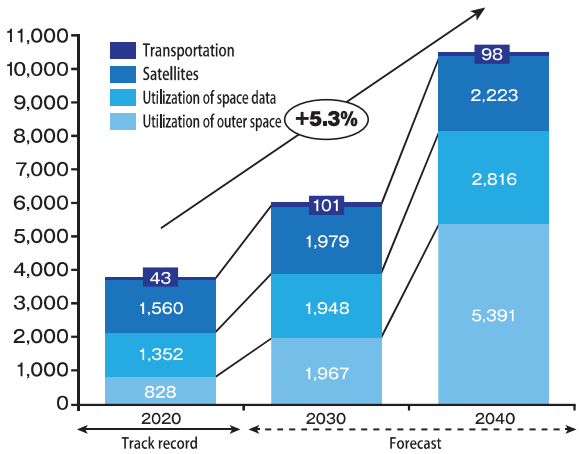
- While the COVID-19 pandemic temporarily reduced demand for aircraft, it is currently recovering, and the number of jet passenger aircraft in operation is projected to increase 1.53 times in 20 years, from 26,297 in 2025 to 40,312 in 2045.
- The space industry is also experiencing rapid global growth, with the market size expected to expand from approximately 54 trillion yen to approximately 150 trillion yen by 2040. The domestic market size in Japan is currently approximately 4 trillion yen, but the government has announced a policy to double it to approximately 8 trillion yen by the 2030s.
  With around 100 startup companies emerging from major manufacturers and universities, the aerospace industry is a promising growth industry with great potential for development.

Jet passenger aircraft demand forecast



Source: Japan Aircraft Development Corporation, "Market Forecast for Civilian Aircraft 2026-2045" (March 2026)

Market size of the space industry



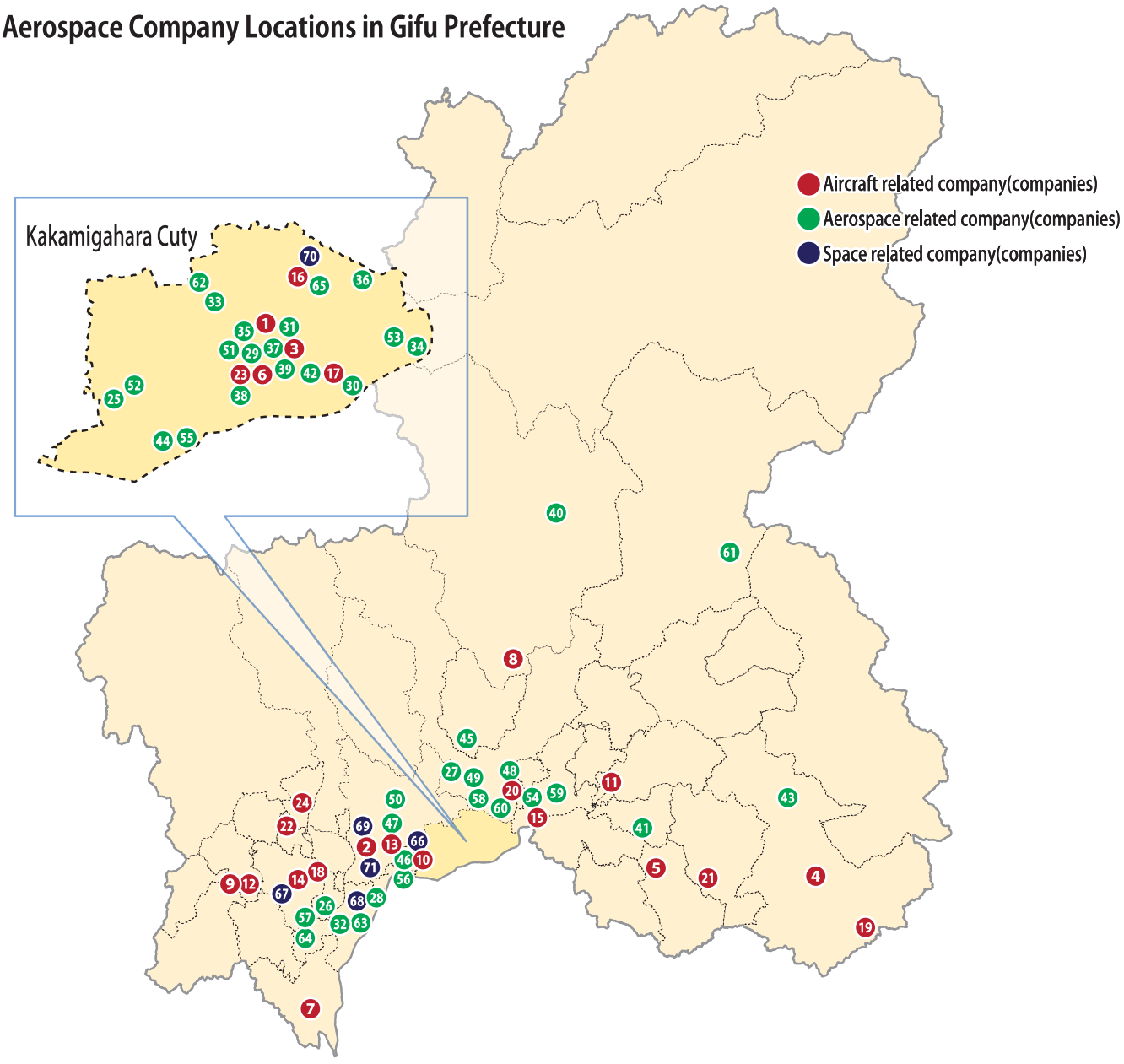
Source: Morgan Stanley.「Space: Investing in the Final Frontier」(July 2020)

Aerospace companies in Gifu Prefecture

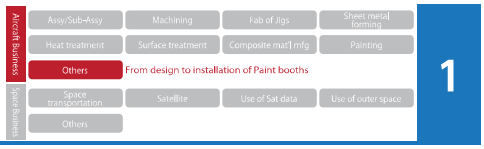
	Company name	Specialized fields in the aircraft business									Specialized fields in the space business				
		Assy/Sub-Assy	Machining	Fab of Jigs	Sheet metal forming	Heat treatment	Surface treatment	Composite mat'l mfg	Painting	Others	Spacetransportation	Satellite	Use of Sat data	Use of outer space	Others
1	ANDEXCo., Ltd.									From design to installation of Paint booths					
2	IWAI INDUSTRIES CO.,LTD.	○	○	○	○										
3	IWADO INDUSTRY CO.,LTD	○		○											
4	ENAKIKI CO.,LTD.	○	○												
5	Metal Technology Co.Ltd.				○	○									
6	Kawajyu Gifu Manufacturing Co.,Ltd.	○	○		○				○						
7	Kondo Giken Co., Ltd.		○												
8	DAIDO METAL CO., LTD.		○				○	○							
9	T･S･MECHATECH Corp.	○	○							Contract work					
10	Technosystem Co., Ltd.			○						Staffing services, etc					
11	TOMISHIN CO., Ltd.		○												
12	Nabtesco Corporation	○	○	○		○	○		○	Fab of Jigs：designing only					
13	NABEYA CO.,LTD.			○											
14	NICHIDEN SEIMITSU KOGYO CO.,LTD.		○	○	○	○									
15	NIPPON PRESS INDUSTRY CO.,LTD.	○	○						○						
16	HAYAKAWA INDUSTRIES CO., LTD.	○	○	○	○										
17	Hayashiteru Industry Co.,Ltd.	○	○	○	○										
18	FUJI ENJINEERING CO., LTD.	○		○											
19	Fujiwatech Ltd.		○												
20	Maruken Industries Co., Ltd.		○	○					○						
21	MIZUNAMI SEIKI CO.,LTD.	○	○	○											
22	Mitsubishi Materials Corporation									Manufacturing and sales of carbide tools					
23	Mitsuwa Co.,Ltd.									Staffing services, aircraft design contracting, drone assembly contracting.					
24	YOSHITECH CO.,LTD.			○											
25	IAC Corporation		○	○								○			
26	ASAHI KINZOKU KOGYOU INC.	○	○				○		○		○	○			
27	IWATA MFG.CO.,LTD.		○		○						○	○			
28	Iwata Machinery Works Ltd.		○	○							○	○			
29	Wing Field Co., Ltd.	○	○	○	○	○	○	○	○	Components development and manufacturing	○				
30	APC AEROSPECIALTY INC	○	○	○					○		○				
31	Enomoto BeA Co.,Ltd.		○	○							○				
32	OTAKE SEISAKUSHO CO.,LTD.		○									○			
33	OHORI GRINDING COMPANY									Grinding and polishing	○	○			
34	Kaga Sangyo Co., Ltd.	○	○	○	○	○	○	○	○		○				
35	Kakamigahara Aero Equipment Co.,Ltd.	○									○				
36	Kato Manufacturing Co.,LTD.		○	○											
37	Kawasaki Gifu Cooperative Society	○	○	○	○	○	○	○	○	Electrical wiring fabrication					Manufacturing of space equipment
38	Kawasaki Heavy Industries, Ltd.	○	○	○	○	○	○	○	○		○	○			
39	Kawaju Gifu Engineering co.,Ltd.									Aircraft R&D, design, testing,, IT, etc.					Aircraft R&D, design, testing,, IT, etc.
40	GUJORASHI Co.,LTD		○									○			
41	KOSAKA IRON WORKS CO.,LTD.		○								○	○			
42	Sunwa Trading Corporation							○		Trading company	○	○			Trading company
43	Sumino Co., Ltd.		○								○	○			
44	SEIWA INDASTRY CO.,LTD.	○	○		○					Piping parts	○				
45	Taiheiyo Kuze Manufacturing Co.,Ltd.		○									○			
46	THYME LAB. Co.,Ltd	○		○							○				
47	TANAC Co.,Ltd.			○							○	○			
48	Chubu Heat treatment CO., LTD.									Heat treatment of steel					Heat treatment of steel
49	Tsukada Co., Ltd.				○			○			○				
50	Tsukahara Manufacturing Co., Ltd.		○	○											Machining of mechanical parts
51	TECHNO BRAIN Co.,Ltd.									Structural design					Structural design
52	TOKUDA INDUSTRIES CO.,LTD.	○	○	○							○				
53	TOBAKOSAN CO., LTD.		○	○	○	○					○				
54	NAGOJI IRON WORKS Ltd.		○	○							○				
55	Nabeya Manufacturing Co., Ltd.	○	○	○					○	Three-dimensional laser measurement	○	○			Parts, jigs and tools
56	HIKARI MANUFACTURE CO.,LTD.		○	○								○			
57	PETEMASco.,itd.	○							○		○	○			
58	Mizuno Metal Works	○	○	○							○				

	Company name	Specialized fields in the aircraft business									Specialized fields in the space business				
		Assembly/Subassembly	Machining	Jig and tool production	Sheet metal forming	Heat treatment	Surface treatment	Composite material manufacturing	Painting	Others	Spacetransportation	Satellite	Utilization ofsatellite data	Utilization ofouter space	Others
59	MEIHOKU KOGYO CO.,LTD.					○	○			Material sales, NDI	○				
60	MEIRA Corporation	○	○			○	○		○		○	○			
61	Morishin Industries LTD.							○				○			
62	YASHIMA CO.,LTD.	○	○	○	○			○		MRObusiness		○			Machining of satellite fairing components
63	YUTAKA ELECTRONICS Co,Ltd.							○		Development of Equipment and Components	○				
64	RISOH PRECISION CO.,LTD.		○								○	○			
65	Wako Co., Ltd.	○	○	○	○										Jig production
66	K･A SYOJI CO., LTD.														Manufacturing of Japanese food for space
67	Gocco., inc.														Near-space platform project using stratospheric balloons
68	HASETORA SPINNING CO.,LTD.														Heat-resistant material
69	MEDAR, General incorporated association														SSA, radar remote sensing
70	LogistLab Inc.											○			Design and Manufacturing of Optical Elements
71	wamokeikobo Co., Ltd.											○		○	Models, mockups, dioramas, structural research models, etc.

Aerospace Company Locations in Gifu Prefecture



ANDEX ANDEX Co., Ltd.



Main Businesses

●Design, manufacture, and construction of factory facilities related to painting and ventilation of aircraft and space equipment components.Specifically, engineering work related to large paint booths, precision air conditioning systems, drying ovens, and heat stress control products.

Strength

●Leveraging our top-selling technology cultivated in automotive repair painting equipment, we can design custom-made equipment that meets the stringent quality standards unique to aircraft (temperature and humidity control, dustproofing, etc.).

●We have particular strengths in environmental technologies that achieve both energy efficiency and high quality, such as "heat pump drying" and "high-efficiency precision air conditioning".Furthermore, we can handle everything from design and manufacturing to installation and maintenance in-house.

Main products

Large paint booths for aircraft parts, heat pump drying ovens, precision air conditioning systems (temperature and humidity control devices), local exhaust ventilation systems, solvent removal systems (jointly developed with Kawasaki Heavy Industries, Ltd.)

Facilities

Painting and drying demonstration facility "LIVE FACTORY" (where painting tests and data collection using actual aircraft are possible), various sheet metal processing equipment (laser processing machines, bending machines, etc.), large-scale metal fabrication and assembly plants (Yamanami Plant, PDI Depot)



High-efficiency precision air conditioner designed for operation without generating steam

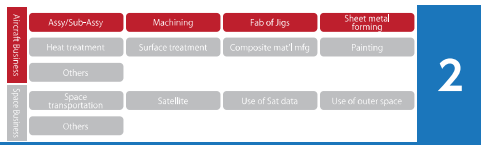


High-efficiency dust collector

Location 【Headquarters】15-29 Higashi-Onomichi, Onomichi, Hiroshima
【Gifu office】2-81-1 Sohara Toei-cho, Kakamigahara, Gifu
Company website URL https://www.andex.co.jp/
Establishment Sept. 1971
Representative YOSHIDA Shin,President & CEO
Capital JPY 10 million
Employees 125
Contact person MATSUZAKI,
Director of Technical Department,
Gifu Sales Office / Technical Center
Phone number +81-58-322-8181
E-mail matsuzaki-d@andex.co.jp

company website QR code

IWAI INDUSTRIES CO., LTD.



Main Businesses

Assembly of aircraft parts

●Assembly of keel beams and stringers for Boeing 777 aircraft

●Assembly of keel beams for Boeing 787 aircraft

●Assembly of wing stubs for Embraer 170 aircraft ,etc.

Strength

●Over 40years achievement and experience in assembling aircraft structural parts

●Machining and sheet metal processing of general parts.

●Speedy and flexible customer service.

●Flexible service for small lot orders.

●Economical and proper price.

●Satisfying after-sales service.

Certifications

JIS Q 9100

Main products

Keel beams and stringers for Boeing 777 aircraft, keel beams for Boeing 787 aircraft and wing stubs for Embraer 170 aircraft

Facilities

Numerically Controlled Stringer Assembling Machine 1 unit
Numerically Controlled Drilling Machine 1 unit
Fiber Laser Cutting Machine 1 unit
Vertical Machining Center 1 unit



Sekiplant



Assembly Area of Aircraft Parts

Location 3-14-7 Ichihashi, Gifu, Gifu
Company website URL https://www.iwai-Ind.co.jp
Establishment June 1964
Representative IWAI Takayuki, President & CEO
Capital JPY 40million
Employees 100
Contact person TAKANO,
General Affairs and Planning Div.
Phone number +81-575-23-7028
E-mail takano-yoshihiro@iwai-ind.co.jp

company website QR code

IWADO INDUSTRY CO.,LTD

Aircraft Business: Assy/Sub-Assy, Heat treatment, Others | Machining, Surface treatment | Fab of Jigs, Composite mat'l mfg | Sheet metal forming, Painting
Space Business: Space transportation, Others | Satellite | Use of Sat data | Use of outer space

3

Main Businesses

- Airframe parts assembly
- Bus body parts manufacturing
- Bus/truck bodywork/renovation
- Construction machinery/machine tool parts production/painting

Strength

- Since 1966, we have provided advanced aircraft parts assembly technology.Because this is a critical field directly related to human life, we have earned the trust of our customers by strictly adhering to stringent standards and high quality criteria.
- In our aircraft fuselage component assembly division, many processes involve manual work, such as drilling holes using specialized tools.We particularly emphasize coordinated teamwork in the two-person riveting process.
- We primarily handle the assembly of large components, and we have established a comprehensive system that covers all processes, from sub-assembly to painting.

Certifications

JIS Q 9100、ISO 9001

Main products

B787: Pressure deck, BK-117, C-2, P-1

Facilities

4-axis CNC drill machine 1 unit



Headquarters



4-axis CNC drill machine

Location	2-10, Unuma, Kawasaki-cho, Kakamigahara, Gifu
Company website URL	https://www.iwado.co.jp
Establishment	July 1957
Representative	INOU Tsuyoshi, President and CEO
Capital	JPY 45million
Employees	180
Contact person	SHINPO, General Affairs Section
Phone number	+81-58-383-8111
E-mail	shinpo@iwado.co.jp

company website QR code

ENAKIKI Co.,Ltd.

Aircraft Business: Assy/Sub-Assy, Heat treatment, Others | Machining, Surface treatment | Fab of Jigs, Composite mat'l mfg | Sheet metal forming, Painting
Space Business: Space transportation, Others | Satellite | Use of Sat data | Use of outer space

4

Main Businesses

- Machining and sub-assembly of aircraft parts
- Machining of parts for semiconductor manufacturing equipment

Strength

- We specialize in precision machining of small and medium items, and handle processing of aluminum,difficult-to-cut materials, forged products, round materials, and plate materials, from single items to massproduction.
- Since our founding in 1967, we have responded to all of our customers' needs with our technologicalcapabilities and quality assurance system.

Certifications

JIS Q 9100,　JIS Q 9001

Main products

Structural components, Hydraulic components

Facilities

5-axis machining center 3units
4-axis machining center 11units
4-axis machining centers (vertical) 17units
Compound lathes 2units
NC lathes 13units
Precision lathes 9units
Milling machines 3units
Coordinate Measuring Machine 1unit



Headquarters



Machining center

Location	2453-22 Yatsubo, Iwamura-cho, Ena, Gifu
Company website URL	http://www.enakiki.co.jp
Establishment	Oct. 1967
Representative	IMAI Hidehiko, President & CEO
Capital	JPY 45million
Employees	68
Contact person	GOTO, Plant Manager
Phone number	+81-573-43-25
E-mail	t-morii@enakiki.co.jp

company website QR code

Metal Technology Co.,Ltd

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

5

Main Businesses

- Heat treatment of metal parts, hot forming, water jet cutting, machining
- Sintering, joining, and internal defect removal of metals and ceramics (HIP processing)
- Metal additive manufacturing (3D printer)
- Examination, analysis, inspection

Strength

- We can provide parts manufacturing technology based on heat treatment, processing, and design to allfields.

Certifications

JIS Q 9100 , JIS Q 9001(ISO 9001), Nadcap (Heat Treatment)

Main products

Aircraft fuselage components, rocket engine components, satellite structural components

Facilities

Toki factory, one of our 6 bases nationwide, is equipped with large vacuum furnaces (φ 2100 x H2700) 4units,atmospheric furnaces (W1200 x L2500 x H700) 2units, hot forming, HIP equipment and water jet processing machines for processing various metal materials.Other facilities equipped in the factories other than Toki dactory are also available, so please feel free to contact us.



Toki factory


Vertical single-chamber vacuum furnaces (φ2100×H2700)

Location 【Headquarters】Harmony Tower 27th floor, Honmachi, Nakano-ku, Tokyo
【Toki Plant】Toki Aqua Silva, Kitayama, Kujiri, Izumi-cho, Toki, Gifu
Company website URL https://www.kinzoku.co.jp/
Establishment Feb. 1960
Representative HATANAKA Hideo, President & CEO
Capital JPY288million
Employees 482
Contact person ITO, Sales section., Toki Plant
Phone number +81-572-53-2356
E-mail nito@kinzoku.co.jp

company website QR code

Kawajyu Gifu Manufacturing Co.,Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

6

Main Businesses

- Machining and assembly of aircraft parts
- Manufacturing of test equipment and machinery, etc.

Strength

- As a member of the Kawasaki Heavy Industries Group, you can use the same facilities as Kawasaki Heavy Industries employees, including the employee cafeteria, company store, health insurance association, resort facilities, and club activities
- We value work-life balance and a comfortable working environment.
- With a complete two-day holiday system and long-term leave system, 127 days are set as holidays per year (as of fiscal year 2026), and various other leave systems and paid leave systems are also in place.
- Furthermore, we are working on labor-saving and automation measures to create a workplace environment where everyone can work comfortably.

Main products

Civilian passenger aircraft fuselages, BK117 civilian helicopter airframes, aircraft parts


machining workplace


Inspection work


Driving rivet to the pannel

Location 1 Kawasaki-cho, Kakamigahara, Gifu (within Kawasaki Heavy Industries, Ltd. Gifu works)
Company website URL https://www.khi.co.jp/corp/kgm/
Establishment April 1986
Representative YAMAOKA Toshihiro, President & CEO
Capital JPY 70million
Employees 263
Contact person IZUMIDA, General Affairs Dept.
Phone number +81-80-8826-8416
E-mail izumida_junya-kgm@global.kawasaki.com

company website QR code

Kondo Giken Co., Ltd.

Aircraft Business: Assy/Sub-Assy | **Machining** | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

7

Main Businesses

●Precision machining of automobile parts, special equipment parts, machine tool parts, medical parts,control equipment parts, and aircraft parts.

Strength

●Features

We design and manufacture the jigs necessary for processing in-house.
We research tool forming and regrinding in-house which contribute to improving production efficiency.
In order to establish an integrated production system, we have established an in-house inspection system using a cordinate measuring machine.

●Achievement of processing

Aluminum (A2017, A2024, A5052, A7075)
Titanium (Ti-6AL-4V)
Stainless steel (SUS303, SUS304, SUS316, SUS430, SUS630, 15-5PH)
Heat-resistant steel (713C, SCH21, HK30)

Certifications

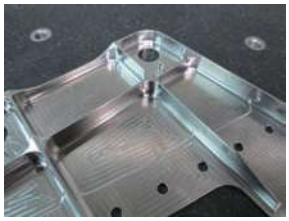
ISO 9001、 JIS Q 9100

Facilities

5-axis machining center (Makino milling a61nx-5E, Mazak VARIAXIS630-5X II) Coordinate measuring machine (Tokyo Seimitsu CONTURA G2)3D CAD/CAM (introduced software MastercamX7, interference software G-Navi)Others (horizontal machining centers, complex CNC lathes, etc. approximately 200 units)



Headquarters



Aluminum PArt processed by 5-axis machining center

Location	335-1 Gomachi, Kaizu-cho, Kaizu, Gifu
Company website URL	https://www.kondougiken.com
Establishment	May 1980
Representative	KONDO Hironori, President and CEO
Capital	JPY24million
Employees	77
Contact person	KONDO, General Affairs Dept.
Phone number	+81-584-53-0936
E-mail	info@kondougiken.co.jp

company website QR code

DAIDO METAL CO., LTD.

Aircraft Business: Assy/Sub-Assy | **Machining** | Fab of Jigs | Sheet metal forming | Heat treatment | **Surface treatment** | **Composite mat'l mfg** | Painting | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

8

Main Businesses

●Daido Metal manufactures and sells a wide variety of bearings for automobiles, aerospace, marine engines, construction machinery and general industrial use.

◆Powertrain Business ◆Marine & Energy Business ◆Life Business
◆Frontier Business ◆Others

Strength

●Plain Bearings Supporting the World's Movement

We manufacture plain bearings that facilitate the movement of all kinds of machinery, from automobiles and aerospace, ships to renewable energy systems, medical equipment, reclining beds, and fishing reels. In pursuit of tribology (lubrication technology), we are the only major company in the world that specializes in producing a full lineup of plain bearings, handling products ranging from those small enough to fit on one's fingertip to those exceeding one meter in size.



Polymer Bearings



Metallic Bearings

Certifications

JIS Q 9100、ISO 9001、IATF16949、ISO 14001、ISO 45001

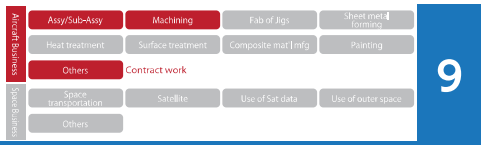
Facilities

Our group, as a specialist manufacturer focused exclusively on plain bearings, possesses numerous original mechanical devices built upon a foundation of technical expertise and experience amassed over many years. These devices are designed to flexibly address challenges that are difficult to handle with standard processing, enabling precise and rapid problem-solving in response to diverse customer needs related to plain bearings.

Location	【Headquarters】13F Nagoya Hirokoji Bldg. 2-3-1 Sakae, Naka-ku, Nagoya, Aichi 【Gifu Plant】135 Ohara, Minami, Gujo, Gifu
Company website URL	https://www.daidometal.com/
Establishment	Nov. 1939
Representative	Chairman and Chief Executive Officer Seigo Hanji
Capital	JPY 8, 413 million (As of March 31, 2026)
Employees	(Consolidated) 7,314 (As of March 31, 2026: Regular Employees)
Contact person	Toyohama Polymer Bearings Division
Phone number	+81-568-61-4920
E-mail	m.toyohama@daidometal.com

company website QR code

T・S・MECHATECH Co.,Ltd



9

Main Businesses

- Contract work related to on-site logistics
- Contract work related to machining
- Contract work related to assembly support

Strength

- Our company was established in 1978 as a wholly owned subsidiary of Nabtesco Corporation, and will celebrate its 50th anniversary in two years.In our three business divisions—aerospace equipment, precision reducers, and hydraulic equipment—we contribute to the development of our customers and society as the unsung heroes supporting innovative and high-quality manufacturing.

Certifications

Temporary staffing business (License No. 21-300039) Resilience certification (E0000155)



Work scene

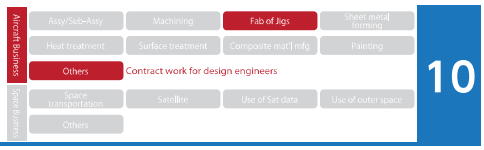


50th Anniversary Character

Location	1110-1 Miyashiro, Tarui-cho, Fuwa-gun, Gifu
Company website URL	https://www.tsmechatech.jp/
Establishment	April 1978
Representative	MATSUMOTO Yasuo, President & CEO
Capital	JPY 10million
Employees	200
Contact person	Nagasawa, Gifu Production Section
Phone number	+81-584-23-2004
E-mail	Norimasa_Nagasawa @nabtesco.com

company website QR code

Technosystem Co.,Ltd.



10

Main Businesses

- Design and manufacturing of jigs for aerospace equipment
- Design and manufacturing of jigs for automobiles, amusement equipment, and medical devices
- Design and manufacturing of general FA equipment and automated machinery
- Dispatch of design engineers
- Human resource development seminars (mechanical engineering, mechanical drawing)

Strength

- Since our founding in 1993, we have leveraged our strength in providing integrated services from design to manufacturing and installation, along with 33 years of technical expertise cultivated in diverse fields such as aerospace, automotive, medical equipment, and factory automation equipment, to engage in integrated manufacturing that combines mechanical, electrical, and software elements.
- We also conduct seminars for training engineers, and in July 2026, we constructed a new company building in Ginan-cho to support our business expansion. We aim to be a company that creates ""a future and smiles beyond manufacturing"" by delivering high-quality solutions to our customers at an overwhelming speed.

Facilities

CAD software: CATIA V5 3D, SolidWorks 3D, MICRO-CADAM, Keyence 3D scanner VL-800, Japan 3D printer: Raise3D Pro3



Technosystem Co.,Ltd. Headquarters Building



Manufacturing of assembly and inspection equipment



Manufacturing automated equipment using robots

Location	9-5 Heijima, Ginan-cho, Hashima-gun, Gifu
Company website URL	https://www.technosys.co.jp/
Establishment	Oct.1993
Representative	NISHIGUCHI Kazutaka, President & CEO
Capital	JPY10million
Employees	41
Contact person	Takeshi Kato, Engineering Dept.
Phone number	+81-58-379-3561
E-mail	ta_kato@technosys.co.jp

company website QR code

TOMISHIN CO.,Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

11

Main Businesses

●Manufacturing and sales of automotive parts and general industrial metal parts.

Strength

●Our strength lies in precision plastic deformation through cold heading, and we possess the technical capabilities to stably mass-produce small parts such as special-shaped bolts, nuts, and collars with a diameter of 30 mm or less.

●Compared to machining, it offers superior material yield and achieves resource-saving processing by minimizing metal scrap. It can handle difficult-to-process materials such as alloy steel, stainless steel, aluminum alloy, copper alloy, and titanium alloy, and we can flexibly respond to consultations from the design stage.

Certifications

JIS Q9100、ISO9001、ISO14001

Main products

Socket head cap screws (M8 or smaller) or similar bolts, special nuts (M8 or smaller), through-holes/closed-holes, special collars, shaft-shaped metal parts

Facilities

<Manufacturing Equipment> Cold forging machine (3-7 stages), thread rolling machine, internal thread rolling tap
<Testing and Inspection Equipment> Microscope, 3D image measuring machine, shape measuring machine, roundness measuring machine, surface roughness measuring machine, tensile and compression testing machine, Vickers hardness tester



Company Overview

Product Examples



Hex socket head bolts



Specially shaped bolts, nuts, and collars

Location	1605-20 Nogami, Yaotsu-cho, Kamo-gun, Gifu
Company website URL	https://www.tomishin.co.jp/
Establishment	Jan. 1973
Representative	KAKAMU Masatoshi, President & CEO
Capital	JPY 10million
Employees	65
Contact person	KITAOKA, Sales Dept.
Phone number	+81-574-43-3721
E-mail	trust@tomishin.co.jp

company website QR code

Nabtesco Corporation

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

12

Main Businesses

●Nabtesco Corporation was established in 2003 through the merger of Nabco Corporation, renowned for its fluid and pneumatic control technologies, and Teijin Seiki Co., Ltd., with its expertise in machining and assembly technologies. Building on the technological foundations and businesses inherited from both companies, Nabtesco has continued to expand its capabilities and business domains. Today, we serve a wide range of industries, with motion control technologies that precisely control "moving and stopping" at the core of our business.

◆Precision reduction gear ◆Aircraft equipment ◆Hydraulic equipment
◆Marine vessel equipment ◆Railroad vehicle equipment ◆Automatic doors,etc

Strength

●Nabtesco Corporation's Aerospace Company leverages its extensive experience both domestically and internationally, together with its advanced hydraulic technologies and high-quality manufacturing capabilities, to develop and manufacture products that help ensure safe, reliable, and comfortable air travel.

●The Aerospace Company's main product, the flight control actuation system, has achieved an approximately 100% share of the domestic aircraft market.

Certifications

JIS Q 9100, JIS Q 9001 (ISO 9001), ISO 14001, ISO 45001

Main products

Flight control actuation system

Facilities

5-axis machining centers, 4-axis machining centers, lathes, grinding machines, jig borers, ultra-high-precision grinding machines, high-precision hydraulic test stands for aircraft hydraulic and fuel systems, heat-treatment furnaces, and a range of surface-treatment equipment, etc.



Gifu Plant

Location	【Headquarters】JA Kyosai Building, 2-7-9 Hirakawacho, Chiyoda-ku, Tokyo 【Gifu Plant】1110-1 Miyashiro, Tarui-cho, Fuwa-gun, Gifu
Company website URL	https://www.nabtesco.com/
Establishment	Sept. 2003
Representative	KIMURA Kazumasa, President & CEO
Capital	JPY10,000million
Employees	Consolidated 8,227(as of Dec 2024)
Contact person	SHIRAISHI, General Affairs Section
Phone number	+81-584-22-3121
E-mail	Kazuya_Shiraishi @nabtesco.com

company website QR code

NABEYA CO.,LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

13

Main Businesses

●Manufacturing and sales of high-precision jigs used in various precision cutting and measuring processes in industries such as aerospace, automotive, and semiconductors.



Motosu Precision Processing Factory

Strength

●Our precision jigs for processing, inspection, and measurement contribute to increased productivity as behind-the-scenes support in manufacturing.

●Our mechanical parts contribute to reduced man-hours and improved functionality in the design and manufacturing of products and equipment.



Tools for 3D measuring machines



5-axis machining machine vise

Certifications

ISO 9001、 ISO 14001

Main products

Jigs and fixtures for machining and measurement, machine parts, vibration isolation and damping products, surface plates, etc.

Facilities

Five-axis machining centers 4sets, Multi-tasking lathes 2sets, Surface grinders 3sets, Vertical machining centers 8sets, Horizontal machining centers 11sets, Wire EDM machine 1set, Coordinate measuring machines 2sets, Roundness measuring machine 1set (partial list)

Location	25 Wakasugi-cho, Gifu, Gifu
Company website URL	https://www.nabeya.co.jp/
Establishment	Feb. 1947
Representative	OKAMOTO Tomohiko, President & CEO
Capital	JPY98million
Employees	200
Contact person	TOKURA Eiji
Phone number	+81-80-6985-0507
E-mail	etokura@ons.co.jp

company website QR code

Aircraft Business

NICHIDEN SEIMITSU KOGYO CO.,LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

14

Main Businesses

●Metal parts processing

●Electric discharge machining of aviation/defense related parts, production of main parts of automobile engines, production of medical scalpels, production of semiconductor memory and LED lead frames

●Design and manufacture of precision molds, manufacture of precision press parts

●Design and manufacture of externally sold semiconductor manufacturing equipment, design and manufacturing of in-house automation equipment, and image inspection equipment



GACCT（Gifu Aerospace Component ClusTer）
※NICHIDEN SEIMITSU KOGYO is a member of GACCT

Strength

●We are participating in GACCT(Gifu Aerospace Component ClusTer) and ASAKIN Virtual Cluster, and can handle processes outside of our areas of expertise between clusters.

●We do business with a variety of fields such as aerospace and defense, automobiles, medical care, architecture, semiconductors, and home appliances, and can respond to any QCDS needs. In particular, we have obtained three QMS certifications: JIS Q 9100, IATF16949, and IS09001, and we provide quality assurance using a QMS that is appropriate for the product.
Compared to machining, it offers superior material yield and achieves resource-saving processing by minimizing metal scrap. It can handle difficult-to-process materials such as alloy steel, stainless steel, aluminum alloy, copper alloy, and titanium alloy, and we can flexibly respond to consultations from the design stage.

Certifications

JISQ9100, IATF16949, ISO9001, ISO14001

Facilities

Cutting machines (machining centers) 8unitsElectrical discharge machines 27unitsGrinding machines 59unitsLaser processing machine 1 unitCoordinate measuring machines 12unitsLaser microscope 1 unit

Location	336-1 Mitsukacho, Ogaki, Gifu
Company website URL	http://www.nsk-cp.co.jp/
Establishment	Oct. 1949
Representative	YOSHIDA Keiji, President and CEO
Capital	JPY88million
Employees	353
Contact person	YOSHIDA, Sales Dept.
Phone number	+81-584-63-0743
E-mail	masashi_yoshida@nsk-cp.co.jp

company website QR code

NIPPON PRESS INDUSTRY CO.,LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

15

Main Businesses

- Sheet metal processing and assembly of aircraft parts
- Integrated production of automobile and bus parts
- Integrated production of industrial machinery (construction machinery and machine tool parts)
- Integrated production of welfare equipment and medical device parts

Strength

- Since our founding in 1947, we have leveraged the manufacturing technology cultivated in Sakahogi-cho, Gifu, to provide products and services to customers worldwide.We will celebrate our 80th anniversary in 2027.
- Based on our unique production management technology, we can handle not only mass-produced parts but also high-mix, low-volume production parts. By integrating automation technology, jig design and manufacturing technology, and mold manufacturing technology, we realize manufacturing that contributes to solving our customers' challenges.
- Our company has a unique production system that assembles mass-produced automotive and aircraft parts in the same company, enabling us to achieve both production efficiency and high quality in our manufacturing process.

Certifications

JIS Q 9100

Facilities

400t press 4units (1unit for sequential processing)200t servo press 1 unit/35t~350t press 24 unitsCO_2 welding machines 18units (low spatter compatible)Welding robots 37units (10 servo spot/7 handling)NC pipe benders 2unitsLaser processing machines 2unitsShot blast 1 unit3 aluminum extrusion material (sash) processing machines



Headquarters



Assembly of aircraft parts



Fabrication of aircraft parts



Assembly of aircraft parts



Welding process

Location	2145-5 Sakakura, Sakahogi-cho, Kamo-gun, Gifu
Company website URL	https://np-press.co.jp
Establishment	June 1947
Representative	YOSHIDA Ryuhei, President &CEO
Capital	JPY 50million
Employees	83
Contact person	YOSHIDA
Phone number	+81-574-26-0171
E-mail	np-soumu@np-press.co.jp

company website QR code

Aircraft Business

HAYAKAWA INDUSTRIES CO., LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

16

Main Businesses

- Aircraft parts manufacturing
- Railway vehicle parts manufacturing
- Manufacture of industrial equipment (heat exchangers)

Strength

- Since our founding, we have been manufacturing parts and assemblies for railway vehicles, aircraft, heatexchangers and other products by utilizing our special technologies in welding, sheeting and cutting of steel, aluminum and stainless steel to respond diversifying needs
- Currently, in addition to manufacturing parts that utilize sheet metal technology from the aircraft industry,we also manufacture large cutting processed parts.

Certifications

JIS Q 9100、ISO9001

Main products

Aircraft fuselage assembly parts, machined parts, repair of government aircraft.

Facilities

Sheet metal bending equipment: Brake press 400 tons 6m 1 unit, NC 3 rollers 1unitMachining equipment: 5-axis portal machining center 3mX8m, 3mX6m 3-axis portal machining center 1.5mX5m, 1.2mX4m (2APC) 4-axis horizontal machining center 3-axis vertical machining centerInspection equipment: Coordinate measuring machine



Gate type 5 axis MC

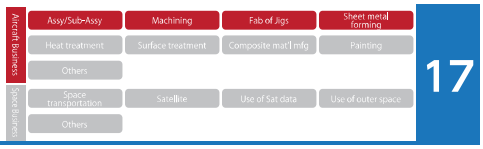


Coordinate measuring machine

Location	2-446 Suecho, Kakamigahara, Gifu
Company website URL	http://www.hayakawa.biz-web.jp/
Establishment	Oct. 1956
Representative	HAYAKAWA Futoshi, President & CEO
Capital	JPY 98million
Employees	81
Contact person	NIWA, Aircraft Div.
Phone number	+81-58-384-1148 / +81-58-384-1145 (direct)
E-mail	hkk.7122@siren.ocn.ne.jp

company website QR code

ハヤシテル Hayashiteru Industry Co.,Ltd.



17

Main Businesses

- Welding, machining, sheet metal processing, and assembing for aircraft-related parts
- Welding, machining, sheet metal processing and assembling for metal parts for the defense industry
- Development of support equipment products for medical and welfare sites

Strength

- We specialize in precision welding and precision metal processing of iron, aluminum, stainless steel, etc.
- We provide the highest quality welding through our skilled techniques and thorough commitment to quality.
- With our outstanding development capabilities and precision processing technology, we create beautiful,high-precision products.
- We have certified JIS Q 9100 (aerospace and defense quality control standard)
- We provide high-quality manufacturing that meets customer needs. We are striving to evolve the system through continuous improvements.
- We have an in-house integrated production system (design➡material procurement➡processing➡inspection➡assembly➡delivery), so we can respond quickly.

Certifications

JIS Q 9100

Main products

Ground support equipment for aircraft

Facilities

Gate-type 5-axis machining center/Yamazaki Mazak Co., Ltd. VORTEX 1400/160-IIX [4200×Y1400×Z610] Simultaneous 5-axis control/1 unit, Vertical 3-axis machining center/Yamazaki Mazak Co., Ltd. MAZAK FJV-25 [X1020×Y510×Z460] Simultaneous 3-axis control/1 unit, Horizontal 3-axis machining center/Yamazaki Mazak Co., Ltd. MAZATECH FH-880 [X1300×Y1100×Z1000] Simultaneous 3-axis control/1 unit, Vertical 3-axis machining center/DMG Mori Seiki Co., Ltd. MV-65B-50 [X1270×Y650×Z650] Simultaneous 3-axis control/1 unit, Vertical 3-axis machining center/JTEKT Corporation FV1165S [X1100×Y1100×Z650] Simultaneous 3-axis control/1 unit



Welded products (iron)



Welded products



Precision welding + Precision machined products

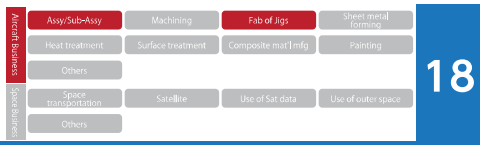


Lifting stairs for large

Location	2-359-1, Unuma Mitsuike-cho, Kakamigahara, Gifu
Company website URL	https://hayashiteru-ind.co.jp/
Establishment	April 1973
Representative	HAYASHI Tatsuya, President & CEO
Capital	JPY 10million
Employees	12
Contact person	HAYASHI, ISO office
Phone number	+81-58-384-4119
E-mail	884ryuuji@gmail.com

company website QR code

FUJI ENJINEERING CO.,LTD



18

Main Businesses

- Development, design, manufacturing, and sales of electronic measuring instruments tailored to customer specific needs
- Development, design, manufacturing, and sales of digital and analog measuring instruments and automatic control equipment
- Development, design, manufacturing, and sales of self-temperature-controlled planar heating elements
- Design, manufacturing, and sales of metal and resin processing, printed circuit boards, and electrical and electronic components

Strength

- Based on JIS Q 9100, we utilize our expertise in environmental protection, processing technology, and knowledge cultivated in the aerospace industry to deliver the highest quality products imbued with pride and "heart and technology," and we will continue to meet the needs of many customers. To that end, we will spare no effort.

Certifications

JIS Q 9100



Gifu Hashima Office



Assembly and wiring components for control systems



Special harness



Various printed circuit boards

Location	Room 806, Softpia Japan Center Building, 4-1-7 Kagano, Ogaki, Gifu
Company website URL	https://www.fujieng.jp/
Establishment	Sept. 1998
Representative	ICHIOKA Kento, President & CEO
Capital	JPY10million
Employees	23
Contact person	NAKAMURA, ISO office
Phone number	+81-58-372-3330
E-mail	fuji-qms@fujieng.jp

company website QR code

Fujiwatech Ltd.

Aircraft Business: Assy/Sub-Assy | **Machining** | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

19

Main Businesses

- Precision machining of mechanical components
- Parts manufacturing for aircraft, medical equipment, semiconductor manufacturing equipment, and fluid measuring devices

Strength

- We specialize in the machining of aluminum castings and extrusions. In collaboration with partner companies, we offer integrated manufacturing services from mold/pattern making to surface treatment (pattern making, casting, machining, and surface treatment).
- We also accommodate precision machining for a wide range of materials, including iron, steel, stainless steel, and aluminum alloys

Main products

Aircraft assembly components

Facilities

CNC Multi-Tasking Lathes: 4 units / NC Lathe: 1 unit / 5-Axis Machining Centers: 2 units / 4-Axis Machining Centers: 4 units / 3-Axis Machining Centers: 2 units / 3D CMM (Coordinate Measuring Machine): 1 unit / 3D Scanner: 1 unit



Headquarters



Processed products (aluminum)

Location	1878 Kamiyahagicho, Ena, Gifu
Company website URL	https://www.fujiwa-t.co.jp
Establishment	Nov. 1997
Representative	ITO Toshiki, President & CEO
Capital	JPY 7million
Employees	11
Contact person	ITO Toshiki
Phone number	+81-573-47-2856
E-mail	toshiki_ito@fujiwa-t.co.jp

company website QR code

Aircraft Business

Maruken Industry Co.,Ltd.

Aircraft Business: Assy/Sub-Assy | **Machining** | **Fab of Jigs** | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | **Painting** | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

20

Main Businesses

- Various machine tool parts, various industrial special machine parts, firing furnace manufacturing, conveying equipment related parts
- Support materials and related auxiliary materials, primary processing of structural steel, aircraft-related parts, etc.
- Integrated production from large sheet metal processing and welding up to 40 tons, to machining, painting, and assembly
- Widely responds to diverse needs, from small parts to large products
- All processes, from drawing creation, material procurement, parts processing, sheet metal processing, machining, painting, and final assembly, are completed in-house.

Strength

- By handling all processes in-house, we achieve shorter delivery times, reliable quality assurance, and competitive pricing.
- We own three sheet metal processing and welding plants, giving us unparalleled capabilities in handling large products.
- Our large-scale factory features a building with a 19m eaves height and a 40t x 20t parent-child crane (12m lifting width), enabling us to handle extra-large workpieces.

Main products

Manufacturing of aircraft-related transportation equipment and jigs.

Facilities

A diverse and comprehensive array of equipment supporting the integrated production and processing of large-scale products:[Parts Processing Equipment] Mazak 3D laser processing machine, Amada fiber laser processing machine, Synx beveling machine[Welding Equipment] Welding robot, and various other welding machines[Processing Equipment] 3m x 10m 5-axis gantry machining center for large-scale parts processing, horizontal grout milling machine



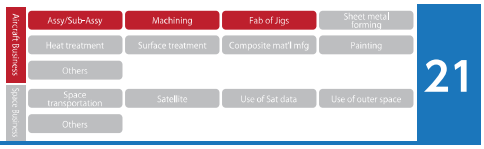




Location	1738-2 Takanosu, Kamono-cho, Minokamo, Gifu
Company website URL	https://maruken-gifu.com/
Establishment	Dec. 1980
Representative	NISHIKAWA Saori, President and CEO
Capital	JPY 30million
Employees	80
Contact person	NISHIKAWA, General Affairs Dept.
Phone number	+81-90-2265-3194
E-mail	d.nishikawa@maruken-gifu.com

company website QR code

MIZUNAMI SEIKI CO.,LTD



21

Main Businesses

- Machining and assembly work of aircraft parts
- Development and production of household sewing machines
- Machining of automobile parts

Strength

- Aircraft parts manufacturingBased on nearly 70 years of experience in producing aircraft parts, we not only process, but also design and manufacture jigs used in production in-house, allowing us to quickly respond to product completion.We are also involved in product assembly work, and the work is carried out by certified workers using theskills of craftsmen under strict supervision.
- Apparel equipment manufacturingSince our founding, we have been involved in manufacturing apparel equipment, and currently produce household sewing machines. Home lock sewing machines achieve high quality through integrated production from development to manufacturing, and achieve low costs by procuring parts and manufacturing at overseas bases.
- Automotive parts manufacturingEven in high-mix, low-volume production, we take advantage of over 70 years of automotive parts manufacturing know-how and incorporate the JIT concept into production. In addition, this JIT concept is being applied to lines such as aircraft parts manufacturing.

Certifications

JIS Q 9001, JIS Q 9100

Facilities

Horizontal machining center 8unitsVertical machining center 7 units3D measuring device 2 units



Headquarters



Rui Lang Co., Ltd.



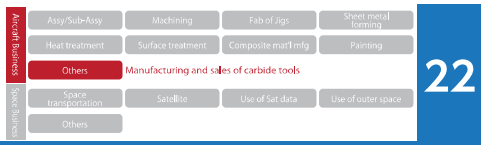
Sewing machine (new product Alirflow3000)

Location	1040, Terakawadocho, Mizunami, Gifu
Company website URL	http://www.mizunami-seiki.co.jp
Establishment	June 1951
Representative	NAGARA Koji, President & CEO
Capital	JPY 72.86million
Employees	99
Contact person	KATO, Administration Dep.
Phone number	+81-572-68-2101
E-mail	s.kato @mizunami-seiki.co.jp

company website QR code

MITSUBISHI MATERIALS

Mitsubishi Materials Corporation



22

Main Businesses

- Mitsubishi Materials operates a diverse range of businesses, including non-ferrous metals, cemented carbide tools and machining solutions, electronic and semiconductor-related components and materials, resource recycling, and renewable energy business.
- The Metalworking Solutions Division leverages its accumulated experience and technological expertise to provide customers around the world with cemented carbide tools and solutions that are essential for component manufacturing, while meeting the growing demand for advanced materials and manufacturing technologies in industries such as aerospace and automotive.
  In addition, the Division is engaged in the recycling of tungsten, a rare metal, and actively collects used carbide tools, contributing to the development of a sustainable society.

Strength

- The Gifu Plant manufactures carbide drills, CBN and PCD tools, and tool holders.
- In order to meet the increasing demand for higher productivity, faster machining, and longer tool life, we develop and supply cutting tools around the world that help customers improve manufacturing efficiency and reduce total production costs.
- The Gifu Plant also has a Technical Center, enabling us to provide not only products but also application support and machining solutions to customers.
- For CFRP (Carbon Fiber Reinforced Plastic) and CFRP/metal composite materials used in aircraft components, we have developed original special designs and coatings to solve customers' problems. We use our accumulated experience and technological expertise to propose the best solution.

Certifications

JIS Q 9001 (ISO 9001)、JIS Q 14001 (ISO 14001)

Main products

Carbide tools, CBN & PCD tools



Gifu Plant



CBN Tools



Tools for CFRP/Metal Composites

Location	【Head Office】3-2-3 Marunouchi, Chiyoda-ku, Tokyo 【Gifu Plant】1528-1 Yokoi, Godo-cho, Anpachi-gun, Gifu
Company website URL	https://www.mmc.co.jp/corporate/ja/
Establishment	1950
Representative	Tetsuya Tanaka, Executive Officer and President
Capital	JPY119,457million
Employees	18,452 (consolidated, as of March 31,2025)
Contact person	SATO, Drills, CBN & PCD Tools Development Section
Phone number	+81-584-27-4330 (Main number for the Gifu Plant)
E-mail	satos@mmc.co.jp

company website QR code

Mitsuwa Co.,Ltd

Aircraft Business: Assy/Sub-Assy | Machining | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others | Manufacturing of space equipment
Space Industries: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

23

Main Businesses

- Design technology staff dispatch business to prime aircraft manufacturers
- Aeronautical design contract business
- In-factory autonomous vehicle business
- Manufacturing business for in-factory electrical display equipment, etc.
- Production business of aircraft ground support jigs (electrical equipment), etc.



Headquarters(Nagoya)



Gifu Office
(Kawasaki Life Gifu Build. BF)

Strength

- Our company mainly responds to the needs of the aircraft industry and is involved in all types of design technology-related work related to aircraft. Our engineers are also active in overseas projects.

Certifications

Worker dispatching business (No. 23-302119)
MSJ-4000 (JIS Q 9100 equivalent)
General Competition Qualification Certification of Equipment Procurement and Construction Office, MOD
General Competition Qualification Certification of all ministries and agencies/Cabinet Office, etc.

Facilities

CATIA V5 2 units
fusion 360 1 unitNastran 1 unit
Electronic measuring equipment 1set
Electronic work equipment 1set, etc.

Location	【Headquarters】3-69-1 Johokucho, Nishi-ku, Nagoya, Aichi 【Gifu office】Kawasaki Life Gifu Build. 2 Kawasaki-cho, Kakamigahara, Gifu
Company website URL	https://nets-mitsuwa.co.jp
Establishment	June 1983
Representative	HASEGAWA Hisami, President & CEO
Capital	JPY 30million
Employees	105
Contact person	OHASHI, Aerospace Engineering Div.
Phone number	+81-58-375-3203
E-mail	t_oohashi @nets-mitsuwa.co.jp

company website QR code

YOSHITECH CO.,LTD.

Aircraft Business: Assy/Sub-Assy | Machining | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others
Space Industries: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

24

Main Businesses

- Design and manufacture of anti-earthquake reinforcement construction products for bridge-girders and architectural buildings
- Design and manufacture of steel beams for various plant systems
- Design and manufacture of trestles for assembling aircraft and helicopters
- Design and manufacture of sheet metal processing related products (square and round tanks, trestles, walkways and stairs).
- Design and manufacture of bridge-girders relevant equipment, molds, scaffolding,metal brackets.
- Design and manufacture of architectural steel beams and relevant components



Headquarters

Strength

- We are a young and energetic company that keeps on moving forward with the aim of new creation and reliable technology by realizing technologies that other companies cannot do and things that other companies do not do.
- Quality Policy: ""We contribute to society by developing excellent employees with superior quality that further secures the trust of our customers.""

Certifications

H grade certification in steel frame fabrication factory performance evaluation (MLIT)ISO9001

Facilities

CCNC drill machine (Showa Seiko TCV8025LD) 1unit, Laser cutting machines (Komatsu NTC TLV-510E40F, TLV-510K40F) 1unit each, Shaped steel beveling machine (Hattery Precision HQB-1055NS, Shinx MHV-1050NCA) 1 unit each, Multifunction machine (automatic length measurement) (Takeda Machinery CBF-4020W) 1unit, Large pillar assembly welding robot system (Kobe Steel, Ltd. 10T-800MP2) 1unit, Steel core connection welding robot system (Kobe Steel, Ltd. ARCMAN-MP) 1unit, Shot room (Atsuji Tekko)1unit, Drill machine (Daito Seiki CUD3C 1050) 1unit, Steel plate beveling machine (Shinx VXW-3000-5) 1unit, Shot machine (Sintokogyo KACX-IIA) 2units, Band saw (Amada H-750D/HA-400...1 unit each, Daito Seiki ST5070, ST5080, GT7010CNC...1 unit each), Lifting-type cantilever three-axis positioner (Lineworks SKETTE2000C) 2units

Location	1115-1 Shimokata, Ono-cho, Ibi-gun,Gifu
Company website URL	https://www.yoshitech.co.jp/
Establishment	June 2002
Representative	OKUMURA Shuichi, President and CEO
Capital	JPY 30million
Employees	79
Contact person	MATSUO, Sales Dept.
Phone number	+81-585-34-3899
E-mail	yoshitech01 @yoshitech.co.jp

company website QR code

IAC Corporation

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

25

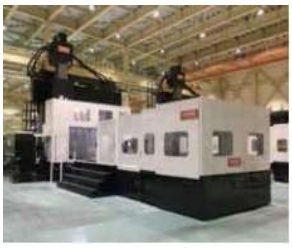
Main Businesses

●Manufacture of aerospace machined parts and aircraft assemblies
●Design, development, and manufacture of GSE for aircraft


Headquarters

Strength

●We support integrated production from material purchasing to surface treatment.We also have many NC processing machines and process up to 18m.


5-axis processing machine SNK RB200F

Certifications

ISO 9100, ISO 9001, Nadcap(NDT(PI), CP, SE(Shot Peening))

Main products

B787: Pressure deck, BK-117, C-2, P-1

Facilities

3-axis NC processing machines: 43 units, 4-axis NC processing machines: 19 units,5-axis processing machines: 81 units, CATIA: 40 units, ADCAM: 2 units, CMM: 9 units,Laser Tracker: 4 units

Location	128 Kinzokudanchi, Kakamigahara, Gifu
Company website URL	https://www.iac-corp.co.jp
Establishment	May, 1947
Representative	NEGISHI Toshiyuki, President and CEO
Capital	JPY 96million
Employees	216
Contact person	FUJIYOSHI Kouta
Phone number	+81-58-380-0246
E-mail	fujiyoshi.k@iac-corp.co.jp

company website QR code

ASAHI KINZOKU KOGYOU INC.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

26

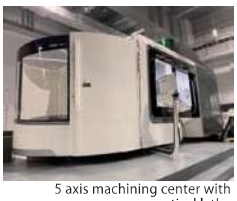
Main Businesses

●Manufacture of aerospace equipment
●Production of nuclear fusion/accelerator parts


Gifu Anpachi-minami plant

Strength

●We specializes in manufacturing parts for aerospace equipments and are characterized by integrated processing with combining pre and post processes with special processes as the core.
●With support from NEDO and other organizations, we are conducting R&D endeavors on thermoplastic molding and injection molding of aircraft parts.
●We have obtained international certifications such as Nadcap/AS9100 and those issued by major aircraft manufacturers.


5 axis machining center with vertical lathe


Vertical lathe

Certifications

AS 9100, AS 9110, Nadcap：NDT,SE,CP,CT

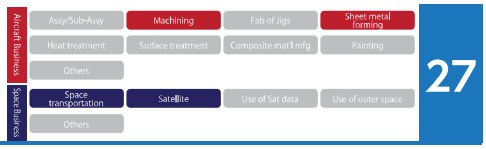
Facilities

●Machining/Lathe processing
●37 types of special processes: penetrant inspection, magnetic inspection, three-dimensional measurement inspection, shot peening, HVOF, plasma spraying, passivation treatment, chemical conversion treatment,anodization treatment, various plating, painting
●SUB assembly

Location	【Headquarters】503, Shimomaruya-cho, Nishi-iru, Chieko-in, Shimodachiuri-dori, Kamigyo-ku, Kyoto 【Gifu Anpachi Plant】4851-4 Shinnagata, Maki, Anpachi-cho, Anpachi-gun, Gifu
Company website URL	https://www.akg-kougyou.com/
Establishment	June 1948
Representative	YAMANAKA Go, President and CEO
Capital	JPY 99.5million
Employees	473
Contact person	SHIGA, Sales Dept.
Phone number	+81-584-64-5061
E-mail	jshiga@akg.co.jp

company website QR code

IWATA MFG. CO., LTD.



27

Main Businesses

●【For aerospace industry】Manufacture/sales of laminated shims and solid shims

●【For industrial machinery industry】Standardized over 45,000 machine element parts, safety products and painting jigs.

Strength

●【Laminate shim, solid shim】

A laminate shim is made by bonding thin plates together with adhesive and its thickness can be adjusted by peeling the plates off. Both laminate shims and solid shims can be custom-made starting from one piece based on the customer's drawings using various processing equipment. Due to our abundant material inventory, we can offer short delivery times of minimum 3 days.

Our unique system is suitable for high-mix, low-volume production, allowing us to handle over 300 types per day. Through traceability management, we are also able to issue various certificates such as material certificates and inspection reports.

●【Machine element parts, safety products, painting jigs】

We ship over 40,000 standard items on the same day, starting from one piece. We save customers' time inccured for designing and manufacturing.

Certifications

ISO 9001, ISO 14001, JIS Q 9100

Main products

Laminated shims and solid shims for the aerospace industry

Facilities

We have a wide range of facilities for sheet metal processing and cutting.Press machines, laser processing machines, brake presses, various burr processing machines, NC lathe, NCcompound lathe, machining center, general-purpose lathe, general-purpose milling machine and somevarious specialized processing machines.



Headquarters

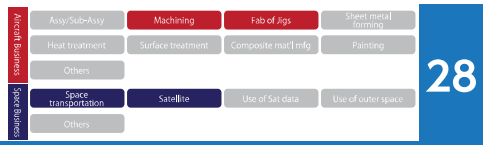


Solid shim, Laminate shim

Location 923-1 Ikejiri, Seki, Gifu
Company website URL https://www.iwata-fa.jp/
Establishment Nov 1966
Representative HACHISUKA Kei,President & CEO
Capital JPY 99.12millon
Employees 139
Contact person MURASE, Sales Section
Phone number +81-575-23-6161
E-mail info@iwata-fa.jp

company website QR code

Iwata Machinery Works Ltd.



28

Main Businesses

●Precision machining of semiconductor and aerospace components

●Prototype machining, mainly for aerospace components

Strength

●We are capable of cutting difficult-to-cut materials such as carbon steel and duralumin, as well as titanium and Inconel with our approximately 100 machine tools, including NC lathes, machining centers, and 5-axis processing machines.

●We have introduced high-spec CAD/CAM in order to handle aerospace parts, and can process 3D-shaped products with many free-form surfaces using simultaneous 5-axis machining.

In constant temperature environment, we guarantee the quality of processed products with using a 3D measuring machine.

●We also have a wide range of processing machines such as wire cutting and laser markers, and we receive requests for prototype processing nation wide. Cylindrical polishing, centerless polishing, surface treatment, heat treatment, etc. can also be performed by our partner companies.

Certifications

JIS Q 9100

Main products

Aircraft Landing Gear Components

Facilities

5-axis machining center YASDA PRECISION TOOLS PX30i 1 unit, 5-axis machining center MITSUI SEKI Vertex550-5x 1 unit, Horizontal machining center YASDA PRECISION TOOLS HU50A 1 unit, Vertical machining center JTEKT FV1165S 1 unit, Small machining center FUNAC αT21iE series 11 units, CNC compound lathe OKUMA MULTUS B400 II 1 unit, Coordinate measuring machine TOKYO SEIMITSU XYZAX SVA NEX 9/10/6 1 unit, 3DC/CAD/CAM HYPER MILL OPEN MIND 1 unit, Grinding machine GS-63PF II s KURODA PRECISION INDUSTRIES 1 unit, Grinding machine GS-52PF II s KURODA PRECISION INDUSTRIES 1 unit



Headquarters



Cutting parts (duralumin)

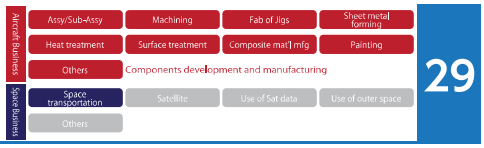


Airplane model (from original data to production

Location 319 Arai, Masaki-cho, Hashima, Gifu
Company website URL https://itk.co.jp/
Establishment Sept. 1979
Representative IWATA Shintaro, President & CEO
Capital JPY 10million
Employees 40
Contact person KAJIKAWA, Production control section
Phone number +81-58-392-4525
E-mail info@itk-pro.com

company website QR code

Wing Field Co., Ltd.



29

Main Businesses

- Fabrication of metal parts for aircraft
- Fabrication of composite parts for aircraft
- Aerostructure component Assembly and Repair
- Design, development, and manufacture of equipment (aircraft seats, containers, etc.)

Strength

- Upon customers' drawings and specifications, we are able to perform integrated processing on parts fablication and assembly from process design, tool production, and part forming to special process.
- In terms of quality assurance, We are certified JIS Q 9100 and JIS Q 9001 and achieving global standardization of quality and a strict management system.

Certifications

JIS Q 9100 , JIS Q 9001 (ISO 9001), Nadcap (Heat Treatment, NDT, Chemical Processing, and Composite)

Main products

Manufacturing and assembly of aircraft components

Facilities

Chroic Acid / Boric and Sulfuric Acid Anodizing Line 1EA (2.5m x 1.0m x 1.0m)
Colored Chemical Conversion Coating Line 1EA (2.5m x 1.0m x 1.0m)
Heat Treat Furnace 2units (max：3.1m x 1.3m x 2.2m)
Painting booth 4units
Autoclave 2units


Headquarters

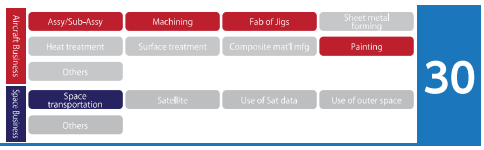

Welding process


Painting process

Location	1-1, Sohara, Koamachi, Kakamigahara, Gifu
Company website URL	https://www.wingf.co.jp/
Establishment	Oct. 2009
Representative	DOUGOSHI Masakuni, President and CEO
Capital	JPY 95million
Employees	220
Contact person	NISHINOHARA Jun, Sales section
Phone number	+81-58-382-4123
E-mail	nishinohara.j@wingf.co.jp

company website QR code

APC AEROSPECIALTY INC.



30

Main Businesses

- Aircraft parts packaging/rust-proof standard packaging
- Contract for assembly, repair, cleaning, and painting of aircraft bodies
- Contract for electrolytic processing of aircraft engine parts
- Manufacture and sales of electrolytic processing machines
- Manufacture and sales of deburring equipment (ECD, ROSDEM)
- Manufacture and sales of various containers for transporting precision equipment
- Manufacture and sales of metal vibration damping devices (isolators)

Strength

- Utilizing specialized technologies, we provide technical services and consultants for especially three fields such as aircraft manufacturing support business, packaging business, and manufacturing and sales business.
- As a group of creative engineers playing important role in the aerospace industry, we are always actively engaged in technological development.

Certifications

JIS Q 9100, JIS Q 9001 (ISO9001), JIS Q14001 (ISO14001)

Main products

Containers for precision equipment, containers for transporting large structures, deburring equipment

Facilities

Machining centers 9units, 5-axis machining centers 2unitsNC lathes 5units, Paint drying booths 3units, Electrolytic processing machines 7units, Coordinate measuring instruments 4units, Automatic cutting machine 1unit


Kakamigahara Plant



Rotary Stream Deburring Machine


Container for Satellite transporter



Electrochemical Deburring Machine

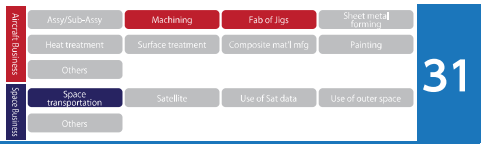


Helical Isolator

Location	【Headquarters】1-8-15, Iwamoto-cho, Chiyoda-ku, Tokyo 【Gifu Plant】4-26 Unumaasahi-machi, Kakamigahara, Gifu
Company website URL	https://www.apc-aero.co.jp
Establishment	Dec. 1957
Representative	KITAZAKI Satoshi, President & CEO
Capital	JPY210million
Employees	450
Contact person	IMAI, Sales section of Sales dept.2
Phone number	+81-58-370-5711
E-mail	t-imai@apc-aero.co.jp

company website QR code

Enomoto BeA Co.,Ltd.



Main Businesses

- Manufacturing and processing of aerospace-related components; design, manufacturing, and processing of jigs and tools
- Development, design, manufacturing, and sales of machine tool peripheral equipment
- Development, design, manufacturing, and sales of environmentally related products

Strength

- We possess a large number of state-of-the-art machine tools, particularly a very large number of large 3-axis and 5-axis controlled machine tools.
- We have sufficient personnel for NC program creation, and can significantly expand our CAD/CAM (CATIA) equipment as needed.
- Based on 75 years of experience in the aerospace industry, our technical capabilities and quality assurance system for the precision machining of complex aircraft parts are highly regarded by major heavy industry manufacturers.
- Our proprietary chip conveyors and covers boast a 30% market share in Japan.
- We are located in Kakamigahara, Gifu, in the Tokai region, a central hub for the aerospace industry.

Certifications

JIS Q 9100, ISO 9001

Facilities

5-axis machining center 29units
4-axis machining center 9units
3-axis machining center 28 units



Toumon No.3 Factory

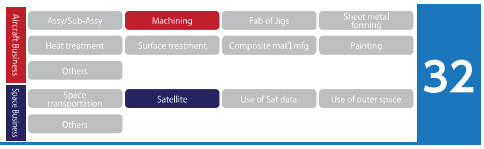


Machining center
(DMG Mori Seiki 5-axis MCDMU340 Gantry)

Location	5-10, Soharakoamachi, Kakamigahara, Gifu
Company website URL	https://www.enomotoweb.com
Establishment	May 1954
Representative	ENOMOTO Naohiro, President & CEO
Capital	JPY10million
Employees	270
Contact person	HASHIMOTO, General Affairs Dept.
Phone number	+81-58-383-2178
E-mail	shashimoto @enomotoweb.com

company website QR code

OTAKE SEISAKUSHO CO.,LTD.



Main Businesses

- Manufacture and sales of automobile parts
- Manufacture and sales of aerospace and defense equipment parts
- Manufacture and sales of electronic parts

Strength

- With creative and flexible ideas that are not bound by fixed concepts, we are working on processing highprecision parts.
- We achieve short delivery times by maintaining processing accuracy even for small lots, prototypes, and evaluation products.

Certifications

JIS Q 9100, JIS Q 9001

Main products

Processing of metal components for vehicles, electronics, aerospace, etc.

Facilities

3 axes Machining center: 3 units
5 axes Machining center: 1 unit
Compound lathe: 6 units
5 axes Compound lathe: 1 unit
NC lathe: 8 units
Electric discharge machine: 1 unit
Wire electrical discharge machine: 2 unit



Company building

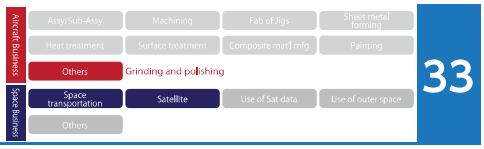


Processed products (sample)

Location	103 Hottsucho sukanaka, Hashima, Gifu
Company website URL	https://www.ccn4.aitai.ne.jp/~otake-s/
Establishment	Dec. 1963
Representative	OTA Eiji, President & CEO
Capital	JPY 25million
Employees	8
Contact person	IRIYAMA, Plant Manager
Phone number	+81-58-398-1623
E-mail	otake-s@ccn4.aitai.ne.jp

company website QR code

Ohori Grinding Company



Main Businesses

●Grinding of precision parts (prototypes, test pieces, repair parts, hydraulic parts, bearing parts, high-speed rotating shafts of difficult-to-cut materials such as Inconel, pitch hole grinding of CFRP, etc.).

Strength

●We support high-mix and low-volume production, and also, quick estimates and short delivery times. We can meet any request from one piece to mass production. We will actively try to handle difficult-to-cut materials and difficult-to-process materials, so please contact us if you have any problems.

●We have experience in ultra-precision grinding of Inconel, aluminum, stainless steel, titanium, copper,CFRP, etc.. We finish with 5 senses and guarante with high-tech inspection equipment.

●We have certified JISQ9100 and fully equipped with 24-hour constant temperature testing room, 3 dedicated inspectors.

Certifications

JIS Q 9100,　KQMS-7200

Main products

Ultra-precision machining of difficult-to-process materials and composite materials (rocket engine parts, defense-related gearboxes and plugs, hydraulic shafts, etc.)

Facilities

Cylindrical grinder 17units, Internal grinder 15units, Surface grinder 10units, Jig grinder 4units, Profile grinder 4units, Coordinate measuring machine 1unit, Roundness measuring machine 2units, Shape surface roughness measurement equipment 1 unit


Headquarters


Outer diameter grinding

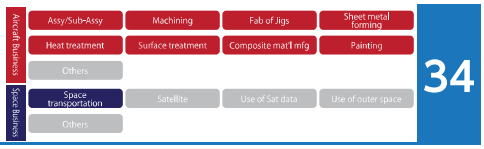

Examination room


Internal grinding

Location　1-9 Sohara Terajimacho, Kakamigahara, Gifu
Company website URL　https://www.ohorikenma.co.jp/
Establishment　April 1981
Representative　OHORI Ken, President & CEO
Capital　JPY 8million
Employees　50
Contact person　OHORI Ken, President & CEO
Phone number　+81-58-389-1811
E-mail　info@ohorikenma.co.jp

company website QR code

Kaga Sangyo Co.,Ltd.



Main Businesses

●Manufacturing of metal processed parts for the aerospace industry

●Manufacturing of resin and composite material parts for aerospace industry

●Manufacturing of aerospace assemblies

Strength

●As the first fabless company in the aerospace industry, we have built a unique network of over 170 suppliers nationwide since our founding. We utilize an integrated production system that covers everything from design and development to material procurement, processing, special processes, assembly, and quality assurance, to conduct a wide range of business activities.

Certifications

JISQ9100

Main products

Aerospace sector: General processing of metal, resin, and composite material parts.

Facilities

3D measuring instrument, penetrant testing equipment, magnetic particle testing equipment


Gifu Branch

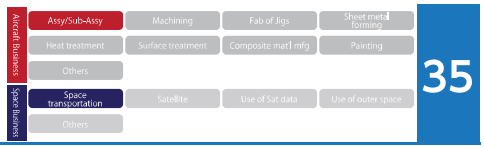

Penetrant testing equipment (Compatible with ASTME1417 and other manufacturer standards)


Magnetic particle testing equipment (Compatible with ASTME1444 and other manufacturer standards)

Location　【Headquarters】1-8-7 Shirokane, Showa-ku, Nagoya, Aichi
【Gifu Branch】1-77 Unuma Koigi-cho, Kakamigahara, Gifu
Company website URL　https://www.kagasangyo.co.jp
Establishment　Sept. 1973
Representative　MIZOGUCHI Osamu, President & CEO
Capital　JPY10million
Employees　119
Contact person　IKEDA, Business Dept.
Phone number　+81-52-241-7131
E-mail　y_ikeda@kagasangyo.co.jp

company website QR code

Kakamigahara Aero Equipment Co.,Ltd.



Main Businesses

- Manufacturing and servicing (repair) of wire harnesses for aircraft, guided devices, space equipment, and special vehicles
- Design, development, and manufacturing of aircraft and space equipment-related products

Strength

- Flexible small-lot, high-mix production
- Rapid response to achieve short lead times
- Integrated in-house production from design to quality assurance

Based on high reliability and technical capabilities, our agile system enables low prices and short lead times.

Our basic policy

- Quality as our top priority
- Production management that strictly adheres to deadlines
- Providing services at fair prices

Certifications

JIS Q 9100

Facilities

Laser marking equipmentAutomatic circuit continuity and insulation testing equipmentContinuity and insulation withstand voltage testerConstant temperature chamber for environmental testing


Headquarters


Switchboard wiring assembly

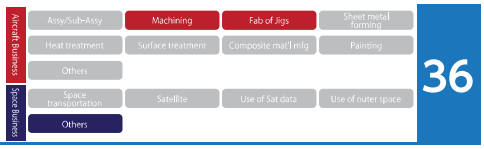

Wire harnesses for special vehicle


Laser marking device company

Location	3-6, Sohara, Koua-machi, Kakamigahara, Gifu
Company website URL	http://www.kae-gifu.co.jp/
Establishment	April 1968
Representative	HASHIMOTO Masahiro, President & CEO
Capital	JPY 10million
Employees	201
Contact person	INOUE, General Affairs Sect.
Phone number	+81-58-382-1152
E-mail	yo.inoue@kae-gifu.co.jp

company website QR code

Kato Manufacturing Co.,LTD.



Main Businesses

- Machining of aerospace equipment parts and design and production of jigs and tools

Strength

- We are a specialized company in the field of aerospace equipment.
- We will introduce the latest equipment such as a 5-axis machining center and aim for ultimate high-mix, low-volume production centered on FMS (Flexible Manufacturing System).
- Our company joined the Aircraft Parts Production Cooperative Association in April 2015, and to shorten delivery times and reduce costs through integrated production, we collaborates with partner companies throughout the entire production process of small and medium-sized parts for commercial, including Boeing aircraft. We aim to build an efficient and cost-competitive parts supply system.
- Our dream is to form Japan's only aircraft parts manufacturing base and realize collaboration among small and medium-sized companies that can receive a wide range of orders from domestic and overseas aircraft manufacturers.

Certifications

JIS Q 9100Manufacturing of airframe components for aircraft and space equipment, and manufacturing of engine components (Exclusion clause: 8.3 Design and development of products and services)

Main products

Machining of aerospace equipment parts and design and production of jigs and tools

Facilities

5 axis machining center 15units, 4 axis machining center 26units, 3 axis machining center 17units

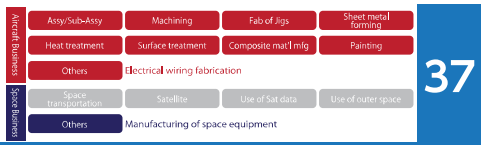

Headquarters


Machining center

Location	5-82, Kakamihigashimachi, Kakamigahara, Gifu
Company website URL	http://www.katoseisakusho.co.jp
Establishment	April 1965
Representative	KATO Takashi, President & CEO
Capital	JPY10million
Employees	93
Contact person	TAKASHIMA, Plant Manager
Phone number	+81-58-379-0111
E-mail	takashima @katoseisakusho.co.jp

company website QR code

Kawasaki Gifu Co-operative Society



37

Main Businesses

●Kawasaki Gifu Cooperative Society is organized based on the Small and Medium Enterprise Cooperative Association Act, and conducts financial services, education and training, labor management, welfare services, etc. for its members.

●As a major supplier group for Kawasaki Heavy Industries, we are developing a business that contributes to the smooth manufacturing of aircraft-related parts, and also, we are working to win orders from domestic and overseas customers by combining the strengths of the member companies.



5-Axis Machining center



Surface treatment facility

Strength

●For more than 50 years since entered the aerospace industry, we have leveraged our organizational strengths to take on new possibilities for the future of the aerospace industry.

●Leveraging the strength of its integrated production capabilities possessed by member companies, we aim to expand its order base by strengthening collaboration with other regional clusters and companies outside the cooperative, and by taking on high value-added projects and venturing into new business fields.

Certifications

JIS Q 9100 18 companiesISO 9001 16 companiesNADCAP 3 companies (surface treatment, composite materials, heat treatment, non-destructive testing)ISO 14001 4 companies *Total number of certifications owned by the members

Main products

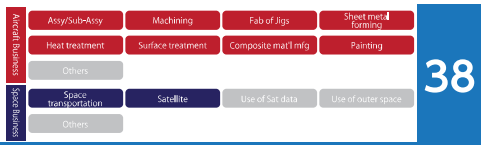
Manufacturing and subassembly of structural components for aircraft and space equipment

Facilities

5-Axis Machining center 185 units, 4-Axis Machining center 114 units, 3-Axis Machining center 190 units, NC lathes 55units, CNC lathes 12units, Boring machines 21units, Electrolytic processing machines 6units, Autoclaves 4units, Heat treatment equipment 3units, Surface treatment facility 2units, 3D measuring instruments 46units, Laser trackers 17units, CATIA 114 units, CAD/CAM 82 units *Total number of equipments owned by the members

Location	1-17-1, Soharakouamach, Kakamigahara, Gifu
Establishment	Dec 1951
Representative	ENOMOTO Naohiro, Chairman
Capital	JPY 43.82million
Employees	6
Contact person	MIYAWAKI, Counsellor
Phone number	+81-58-382-2175
E-mail	k_miyawaki@kawakyo.or.jp

Kawasaki Heavy Industries,Ltd. Aerospace Systems Company



38

Main Businesses

●In the aerospace business, we conduct research and development, manufacturing, and MRO for large and small fixed-wing aircraft, helicopters, guidance equipment, and space-related equipment.
In the engine business, we conduct manufacture and repair helicopter engines and manufacture engine parts for passenger aircraft.



Helicpter H145//BK117 D-3

Strength

●Our main business fields are ""land, sea, and air transportation systems,"" ""energy environment,"" and ""industrial equipment.""
With advanced comprehensive technological capabilities in a wide range of fields, we contribute to the development of society by providing products and services which meet the diverse needs of people of the world while being in harmony with the global environment.

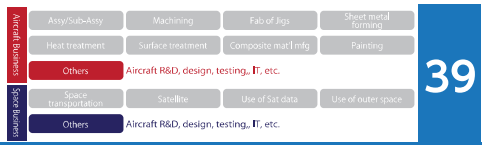
Certifications

JIS Q 9100, JIS Q 9001 (ISO9001), JIS Q 14001 (ISO 14001)Helicpter

Location	【Tokyo】1-14-5 kaigan, Minato-Ku, Tokyo 【Kobe】Kobe Crystal Tower 1-3, Higashikawasaki-cho, 1-chome, Chuo-ku Kobe 【Gifu Works】1, Kawasaki-cho, Kakamigahara, Gifu
Company website URL	https://www.khi.co.jp/
Establishment	Oct. 1896
Representative	HASHIMOTO Yasuhiko, President & CEO
Capital	JPY104,484million
Employees	40,640
Contact person	MATSUEDA, External Affairs a Section, General Affairs Dept., Planning Div.
Phone number	+81-58-382-5712 (main)
E-mail	matsueda_r@global.kawasaki.com

company website QR code

Kawaju Gifu Engineering co., Ltd.

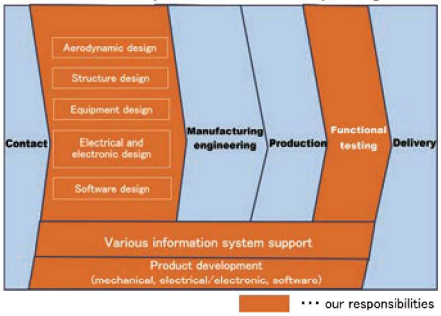


39

Main Businesses

●Business related to research and development, design, testing, IT, etc. in the aerospace field.

Our company supports the "technology-related fields" of Kawasaki Heavy Industries, Ltd.'s Aerospace segment



Strength

●We are supporting design field and information technology field, etc. for the aircraft produced by Kawasaki Heavy Industries Aerospace segment.

●We apply aerospace technology to create many unique and superior products and equipment, and utilize our advanced expertise to provide a variety of technical services.

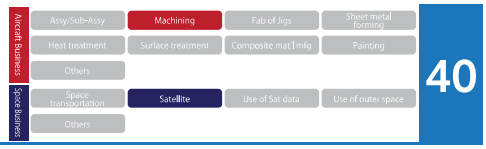
Certifications

JIS Q 9100

Location	2, Kawasaki-cho, Kakamigahara, Gifu
Company website URL	https://www.khi.co.jp/corp/kge/
Establishment	July 1981
Representative	NAGAMORI Hisayuki, President
Capital	JPY 70million
Employees	424(As of February 1, 2026)
Contact person	YAMAMOTO, Marketing and Business Planning Dept.
Phone number	+81-58-389-4633
E-mail	yamamoto_masato@global.kawasaki.com

company website QR code

GUJORASHI Co., LTD



40

Main Businesses

●Metalworking industry (processing of parts for the aerospace, automotive, medical, and semiconductor industries)



Headquarters



Aerospace parts

Strength

●We are capable of cutting a wide variety of products and responding to emergency parts.

●We take on further challenges by leveraging the technological capabilities we have cultivated since 1968.

Certifications

JIS Q 9100, ISO 9001

Facilities

Multi-tasking machine MAZAK QTN100-2MY 2 units
Multi-tasking machine MAZAK INTEGREX i-100S 1 unit
CNC automatic lathe CITIZEN A-32, L-20, L-12 1 unit each
5-axis machining center Matsuura Machine MX-520 1 unit
3D measuring machine Mitutoyo FALCIO-Apex9106 1 unit

Location	1530-1 Ariho, Hachiman-cho, Gujo, Gifu
Company website URL	http://onepure360.com/gujorashi.html
Establishment	1987 (Business started in 1968)
Representative	TAKASE Yasufumi, President & CEO
Capital	JPY 10million
Employees	27
Contact person	TAKASE, General Affairs Sect.
Phone number	+81-575-62-2230
E-mail	yoshiko_t@gujorashi.com

company website QR code

KOSAKA IRON WORKS CO.,LTD.

Aircraft Business: Assy/Sub-Assy, **Machining**, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: **Space transportation**, **Satellite**, Use of Sat data, Use of outer space, Others

41

Main Businesses

- Aircraft precision parts manufacturing
- Mass production of turbine blades installed in aircraft engines
- Rocket engine parts processing
- Prototype development of rocket parts

Strength

- Manufacture of precision parts from fingertips to palm-sized parts.
- Handling wide variety of materials, difficult-to-cut materials, and small-lot processing are available.
- Response to emergency parts.
- Take on any project by utilizing the technical capabilities we have cultivated since 1958.

Certifications

ISO 9001, JIS Q 9100, MSJ 4000

Main products

Rocket valve parts (small to medium size), aircraft parts (small to medium size)

Facilities

5-axis processing machine 1 unit,Electrical discharge machine 1 unit,Wire processing machine 1 unit,Internal and external diameter grinding machines 4 units, Multifunction devices 2units,3D measuring machine 1 unit,Blade grinders 2units



Mitake Plant


5-axis processing machine

Location: 【Headquarters】4-26 Kanamecho, Minami-ku, Nagoya, Aichi 【Mitake Plant】2188-62 Mitake Minamiyama, Mitake-cho, Kani-gun, Gifu
Company website URL: https://www.kosakaiw.com/
Establishment: May 1958
Representative: KOSAKA Daisuke, President & CEO
Capital: JPY20million
Employees: 102
Contact person: INOUE, Sales Section
Phone number: +81-52-611-5456
E-mail: tomoaki_inoue@kosakaiw.com
company website QR code

サンワトレーディング株式会社 Sunwa Trading Corporation

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, **Composite mat'l mfg**, Painting, **Others** Trading company
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, **Others** Trading company

42

Main Businesses

- Import and sales of aerospace parts, tools, materials, chemical products, tools, and equipments
- Import, sales, and molding of composite materials and equipment for automotive, vehicle, and general industrial applications.

Strength

- Having celebrated our 50th anniversary, we have steadily expanded our import and sales business of aircraft-related materials for the Japanese aerospace industry and airlines.
- In recent years, as a leading company in CFRTP, we have been providing technical proposals for composite materials and lightweight materials not only for aircrafts, but also for automobiles and general industries.

Certifications

JISQ9100, ISO9001

Main products

Fasteners, electrical components, hydraulic components, composite materials, chemicals, tools, and equipment.


Headquarters building


Continuous fiber thermoplastic composite material

Location: 3-204 Unuma Kawasaki-cho, Kakamigahara, Gifu
Company website URL: http://www.sunwa-trading.co.jp/
Establishment: Jan 1976
Representative: BABA Shunichi, President & CEO
Capital: JPY10 million
Employees: 24
Contact person: BABA, Sales Dept.
Phone number: +81-58-389-4511
E-mail: yubaba @sunwa-trading.co.jp
company website QR code

Sumino Co.,Ltd.

Aircraft Business: Assy/Sub-Assy, **Machining**, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, **Satellite**, Use of Sat data, Use of outer space, Others

43

Main Businesses

- Machining of aerospace parts
- Machining of automobile parts
- Design, development, manufacture, and sales of medical equipment and welfare-related equipment
- Design, development, manufacturing, and sales of small hydroelectric power generation equipment

Strength

- We respond quickly to high-mix, small-lot parts.
- We design and manufacture special machines for processing mass-produced parts.
- We process complex shapes using a five-axis multi-tasking machine and CAD/CAM.
- We process low alloy steel, ultra-high strength steel (300M, 4340, etc.), corrosion-and-heat-resistant steel(A286, 15-5PH, 17-4PH, PH13-8Mo, etc.), super heat-resistant steel (Inconel718, Waspaloy, Nimonic, etc.),titanium alloys (Ti-6AL-4V, etc.), aluminum alloys (2024, 6061, 7075, etc.) and difficult-to-cut materials(Inconel, Hastelloy, Titanium, Invar, Coval, etc.).



Headquarters

Certifications

Type 2 medical device manufacturing and sales business license (21B2X10010)Medical device manufacturing license (21BZ200047)

Facilities

Automatic lathe SR-10J 1 unit SB-20R 4 units SR-32J II 1 unit,NC machining center NEXUS 510C 1 unit,Five-axis compound machining center VARIAXIS 630 5X2T 1 unit,Five-axis compound lathe INTEGREX J-200 1 unit,Five-axis compound lathe INTEGREX100-IV 1 unit,Five-axis compound lathe INTEGREX100- II SY 1 unit,NC lathe NEXUS-100 (1 unit), NEXUS-200 1 unit,3D CAD/CAM (SolidWorks, hyperMILL),3D measuring device (VR-6000),Surface texture measuring machine (SV-C3200),Image dimension measuring device (IM-6225),Coordinate measuring machine (BH-V710),Projector (PJ-H30)....etc.

Location	1074-15 Kusumi, Osashimacho, Ena
Company website URL	https://suminoseisakusho.jp/
Establishment	Mar. 1989 (Business started in 1918)
Representative	SUMINO Hideya, President & CEO
Capital	JPY 5million
Employees	12
Contact person	SUMINO, Sales Dept.
Phone number	+81-573-25-2788
E-mail	s_info @suminoseisakusho.jp

company website QR code

SEIWA INDUSTRY CO., LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, **Others** Piping parts
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

44

Main Businesses

- Piping parts that involve bending and terminal processing of aluminum, titanium, and stainless steel pipes for aviation and space equipment
- We support from low-pressure piping to hydraulic high-pressure piping for fuel, preheating, exhaust, and fire extinguishing systems



Pipe bender processed products



Bending equipments



Coordinate measuring machines

Strength

- Unique technical capabilities backed by many years of PIPE processing experience, dimension and shape assurance using a coordinate measuring machine, quality assurance using various calibration devices and jigs, quality assurance system based on JIS Q 9100
- Integrated production and finishing products from precision parts machining to welding, assembly, and surface treatment using 5-axis machining centers and NC multi-tasking lathes.

Certifications

JIS Q 9100, ISO 9001

Facilities

NC pipe bender (1/4"" to 1.5"" size compatible, hydraulic right bender 2units, electric left bender 1unit),Coordinate measuring machine (NC vendor online method) 2units,Pressure test equipment (high pressure 300PSI to 15000PSI 1 unit, 1low pressure 0PSI to 700PSI 1unit),Terminal processing machines (single/double flare, bead, dynas swage) 3units

Location	7-1-12 Jogocho, Kakamigahara, Gifu
Company website URL	https://www.seiwa-i.com/
Establishment	July 1984
Representative	TSUCHIYA Yoshihiro, President & CEO
Capital	JPY10million
Employees	120
Contact person	YAMADA, Manufacturing Engineering Sect.
Phone number	+81-58-389-1680
E-mail	a.yamada@seiwa-i.com

company website QR code

Taiheiyo Kuze Manufacturing Co.,Ltd

Aircraft Business: Assy/Sub-Assy, **Machining**, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, **Satellite**, Use of Sat data, Use of outer space, Others

45

Main Businesses

●Our company is a manufacturer of transportation machinery and equipment parts, and we are expanding our business through partnerships with Pacific Industrial Co., Ltd., which boasts a 100% domestic market share in automotive tire valves and valve cores; MEIRA Corporation, which manufactures aircraft parts, rocket parts, automotive parts, and medical equipment; and FUJI HENSOKUKI CO.,LTD., which manufactures speed reducers, geared motors, and parking equipment.

Strength

●Aerospace-related products primarily utilize materials that are extremely difficult to process, such as corrosion-resistant and heat-resistant alloys like Inconel and Waspaloy, titanium alloys, and various types of stainless steel.These extremely difficult-to-process materials are machined to micron-level precision using NC lathes, centerless grinders, milling machines, etc., enabling a flexible production system that can handle both mass production and small-batch production.

●Based on the technical expertise cultivated through many years of machining experience, we pursue ""reliable quality through meticulous manufacturing"" and work daily with a sense of responsibility and pride in ""manufacturing components that affect people's safety.""

●Furthermore, leveraging the know-how gained from these technical capabilities, we are actively challenging ourselves in the machining of specialized components for medical devices.

Main products

Aircraft-related products (bolts, nuts, jet engine parts) and space-related products (space development, rockets, satellite-mounted equipment parts)

Facilities

BNC-34: 2 units, BND-34: 2 units, BND-42: 1 unit, LX-01: 1 unit, LX-06E3: 2 units, LX-08E2: 4 units, LX-08E3: 1 unit, GN-3: 10 units, VC-1800: 1 unit, MH-AS1: 1 unit, SP-CH: 1 unit, TC-S2B: 1 unit, OC-16A: 1 unit, OC-12A: 1 unit, OC-18: 1 unit, BM-250: 1 unit, GN-4200: 1 unit, C300-IV: 1 unit, NUC-BOY8GL: 2 units, GN-3000: 1 unit



Company exterior

Location 1303 Gokurakuji, Mino, Gifu
Company website URL https://www.tkplant.co.jp/
Establishment Feb 1951
Representative KUZE Hiroshi, President & CEO
Capital JPY 12.5million
Employees 24
Contact person NAGAYA Reo, Manager of Sales Dept.
Phone number +81-90-4113-1189
E-mail r-nagaya@tkplant.co.jp

company website QR code

THYME LAB. Co.,Ltd

Aircraft Business: Assy/Sub-Assy, Machining, **Fab of Jigs**, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: **Space transportation**, Satellite, Use of Sat data, Use of outer space, Others

46

Main Businesses

●Manufacturing of high-quality wire harnesses installed in aircraft and special vehicles
●Manufacturing of wire harnesses with excellent environmental resistance

Strength

●Integrated production system
●Meets all needs, from high-mix, low-volume production to mass production
●Sales representatives are experienced manufacturing professionals
●Serves a wide range of fields including defense, aerospace, and racing
●Quality assurance compliant with MIL standards
●Tools and equipment capable of handling various wire diameters
●Installation on actual machines

Main products

High-quality wire harnesses for aircraft and special vehicles, etc.
Racing wire harnesses

Facilities

Automatic wire strippers, automatic wire cutters, constant temperature baths, automatic continuity testers



Headquarters entrance





Parts we handle(partial)

Location 3-44 Fuseya,Ginan-cho, Hashima-gun,Gifu
Company website URL https://www.thymelab.co.jp/
Establishment Sept 2023
Representative YAMANE Wataru, President & CEO
Capital JPY3million
Employees 15(as of April 2026)
Contact person TERAMACHI Sales Dept.
Phone number +81-58-216-0762
E-mail m.teramachi@thymelab.co.jp

company website QR code

TANAC Co.,Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, **Fab of Jigs**, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: **Space transportation**, **Satellite**, Use of Sat data, Use of outer space, Others

47

Main Businesses

[Aircraft parts]
- Rubber parts around airframe structural components (gaskets, tubes, etc.)
- Silicone jigs and silicone materials (aerospace grade available)

[Space equipment parts]
- Mechanical design and measurement services for rubber parts for satellite-mounted equipment
- Silicone materials for space debris removal projects
- Insulation materials for rockets


Factory exterior


Entrance showroom

Strength

●Based on its long track record of high-precision and high-reliability manufacturing in the medical field, Tanac is expanding its business into the aerospace field.The production systems that have met the rigorous quality control and traceability requirements of the medical field also meet the high safety and quality demands of the aerospace field.

●Leveraging its solid track record in the aerospace sector, Tanac can handle all processes from prototype development and evaluation to mass production.We propose optimal specifications and processing methods based on the application and operating environment, contributing to our customers' value creation as a reliable technical partner.

Certifications

ISO 9001, ISO 13485

Main products

Rocket thermal insulation materials, high heat-resistant silicone rubber parts, silicone and synthetic rubber sealing parts

Facilities

[Molding and Processing Equipment] Injection molding machines, extrusion molding machines, LIM molding machines, composite molding machines, die-cutting machines, press molding machines, casting molding equipment
[Inspection, Evaluation, and Analysis Equipment] Fourier transform infrared spectrophotometer (FT-IR), physical property evaluation equipment (tensile strength, compressive strength, hardness, elasticity, viscosity measurement), viscoelasticity measuring device (DMA), microscope, image dimension measuring device, etc.
[Production Environment] Cleanroom (Class 10,000)

Location	4-24 Motomachi, Gifu, Gifu
Company website URL	http://www.k-tanac.co.jp
Establishment	Nov. 1996
Representative	TANAHASHI Kazumasa, President & CEO
Capital	JPY30million
Employees	49
Contact person	TANAHASHI Business Development Dept.
Phone number	+81-90-5003-1438
E-mail	s-tanahashi@k-tanac.co.jp

company website QR code

Chubu Heat treatment CO.,LTD

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, **Others** Heat treatment of steel
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, **Others** Heat treatment of steel

48

Main Businesses

●Metal heat treatment processing: General tempering, bright hardening, carburizing hardenin g, shotblasting, distortion correction (possible from round items to press tempering)


Inspection process

Strength

●We process large parts (800mm x 1500mm) and black dyeing and bonding treatment are processed at our partner companies.


Heat treatment process (quenching)

Certifications

JIS Q 9100, ISO 9001

Facilities

Batch furnaces 7 units,Continuous furnaces 4 units,Shot machines 10 units,Vertical pit furnaces (compatible with large size 800mm x 1500mm) 2 units,Annealing furnace 1unit

Location	2694 Higashinobora, tounobora, Seki, Gifu
Company website URL	https://netsu123.com/
Establishment	May 1981
Representative	KATAOKA Noriyoshi, President & CEO
Capital	JPY30million
Employees	60
Contact person	KATAOKA, Sales and General affairs Sect.
Phone number	+81-575-23-0141
E-mail	info@netsu123.com

company website QR code

株式会社ツカダ Tsukada Co.,Ltd.

Aircraft Business: Assy/Sub-Assy | Machining | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others

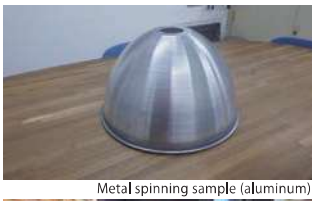
49

Main Businesses

- Metal press product manufacturing
- Press mold design and manufacturing
- Metal spinning process



Drilled products (CFRP press)



Metal spinning sample (aluminum)

Strength

- We are applying the technology we have cultivated in metal press processing to punching CFRP and GFRP,and are currently working on various composite materials.
- We, mainly young employee work hard every day to meet the quality demands of our customers, while sharing our knowledge.
- To any material, ""we first try to see if we can punch through"".
- We have started a new metal spinning process in November 2023. We will work on various technologies.



200ton digital electric servo press

Facilities

200ton servo press150ton progressive press150ton transfer pressPotter's wheel for spatula drawing processingNC spatula drawing processing machine (spinning machine)Coordinate measuring machineImage dimension measuring machine

Location	554-1 Oze, Seki, Gifu
Company website URL	https://www.t-k-d.co.jp/
Establishment	June.1970
Representative	TSUKADA Hiroki, President and CEO
Capital	JPY10million
Employees	20
Contact person	TSUKADA Hiroki
Phone number	+81-575-23-2376
E-mail	htsukada@t-k-d.co.jp

company website QR code

Aircraft Business
Space Business

Tsukahara Manufacturing Co., Ltd.

Aircraft Business: Assy/Sub-Assy | Machining | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others
Space Business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others | Machining of mechanical parts

50

Main Businesses

- Aircraft Parts Manufacturing
- Industrial Machinery Parts Manufacturing
- Research Apparatus Manufacturing



Inside the factory

Strength

- Machining Technology
  We have extensive experience machining difficult-to-machine materials such as Inconel, as well as aluminum and stainless steel.
  By selecting optimal tools and cutting conditions, we achieve high precision and efficient production.
- Engineering Expertise
  We support universities, research institutes, and manufacturers with technical consulting and manufacturing solutions.
  Our strength lies in proposing optimal manufacturing methods based on product function and structure.
  We provide hands-on support from prototyping to low-volume production.



Inspection room

Certifications

ISO9001

Main products

- Aircraft Seat Components
- Prototype Parts
- Manufacturing Jigs and Fixtures

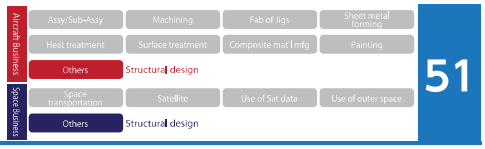
Facilities

5-axis machining centers: MAZAK VARIAXIS j-600 (1 unit), Matsuura Machinery MAM72-35V (1 unit) / Vertical machining centers: Matsuura Machinery R.Plus-800 (1 unit), Matsuura Machinery MC-800VG II 1 unit , OKK VM4 1 unit , Matsuura Machinery R.Plus-550 1 unit / NC lathes: Okuma LB3000EX II 1 unit , Okuma LB15 II 1 unit / Image dimension measuring instrument: Keyence IM7030T 1 unit / Three-dimensional measuring machine: Keyence XM-T1000 1 unit / Scanner-type three-dimensional measuring instrument: Keyence VL-500 1 unit / Three-dimensional image dimension measuring instrument: Keyence LM-X100TL 1 unit

Location	2-4 Fukumituminamimachi, Gifu, Gifu
Company website URL	https://www.tukahara-ss.co.jp/
Establishment	Mar 1961
Representative	TSUKAHARA Kazuo, President and CEO
Capital	JPY10million
Employees	5
Contact person	TSUKAHARA Kazuo
Phone number	+81-58-231-7085
E-mail	tuka@vesta.ocn.ne.jp

company website QR code

TECHNO BRAIN Co.,Ltd



Main Businesses

- Structural design of aircraft and ferrings for space equipment
- Design of auxiliary parts and accessories for grinding machines
- Dispatch of design engineers to major companies

Strength

- Since our founding, our company has served as a design partner for local Kawasaki Heavy Industries in the aerospace field, and many engineers have played active roles within our company.Even without specialized training, those who are motivated to work in design can grow as engineers by gaining practical experience.

Main products

Creating structural design drawings for an aircraft fuselage using CATIA

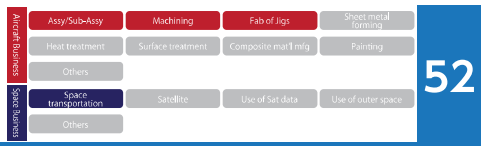
Facilities

CATIAV5 1unit, AUTO-CAD 3units

Location	1-17-1 Sohara Koa-cho, Kakamigahara, Gifu
Company website URL	http://www.techno-b.com/
Establishment	June 1976
Representative	KATO Toshitaka, President and CEO
Capital	JPY30million
Employees	20
Contact person	SAITO, General Affairs Sect.
Phone number	+81-58-371-3443
E-mail	s-saito@techno-b.com

company website QR code

TOKUDA INDUSTRY CO., LTD.



Main Businesses

- Aircraft parts manufacturing
- Jigs for parts manufacturing and inspection
- Wind tunnel test model, mock-up of aircraft
- Prototype, model manufacturing



5-axis large machined parts (aluminum)



3-axis large machined parts (aluminum)

Strength

- Our company possesses numerous metalworking machines and handles the high-mix, low-volume production of aircraft parts using materials such as aluminum, duralumin, and CFRP.We also specialize in large-scale products such as full-scale models of helicopters and C-2 transport aircraft, as well as wind tunnel test models for development.
- In our automotive-related business, we provide integrated production services, from the design, processing, and finishing of molds, inspection tools, and crimping jigs.



Real size mockup



Real size display model

Certifications

JIS Q 9100、JIS Q 9101 (ISO9001)

Main products

Design and manufacture of aircraft parts, various jigs, and molds and jigs for the production of automotive parts.

Facilities

5-axis machining center 26 units *Maximum stroke 17m,4 axis machining center 2 units,3-axis machining center 3 units,3D measuring machine 3units,Laser tracker 1unit,CATIA V5 6 units,3D printer 2 units

Location	209 Kinzokudanchi, Kakamigahara, Gifu
Company website URL	https://www.tokuda.co.jp
Establishment	June 1969
Representative	TOKUDA Yasuaki, President & CEO
Capital	JPY30million
Employees	116
Contact person	SAWAI, Sales Dept.
Phone number	+81-58-380-0003
E-mail	sawai@tokuda.co.jp

company website QR code

TOBAKOSAN CO., LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

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Main Businesses

●Design, development, and manufacture of press molds

●Manufacture of aluminum and titanium sheet metal parts for aircraft fuselages and engines

Strength

●Manufacturing a wide variety of sheet metal parts using in-house designed tools

We have experience in manufacturing many sheet metal parts, including hydraulic forming, brake forming, punch press, etc. By designing and developing molds using molding data accumulated through many years of experience, we are able to efficiently produce high-quality parts at low cost.

●Nadcap special process certification (heat treatment, laser processing)

We have obtained Nadcap certification for the heat treatment process and can process aluminum materials 2024-T42, T62, 6061-T42, T62, 6013-T6, 7075-W, T62, and T73. We can also perform metal tests, hardness tests, and tensile tests in-house to calibrate heat treatment furnaces.

In addition, our 5-axis laser processing machine has also obtained Nadcap certification, and we process PW4000 engine parts made of HASTELLOY material using a certified processing machine.

Certifications

ISO 9100 (JIS Q 9100)、 ISO 14001、Nadcap (Heat Treating, Nonconventional Machining)

Facilities

NC router/NC machine tool/3D measuring instrument (FARO)water jet processing machine (abrasive),5-axis laser processing machine (Nadcap certified)brake press/bending roller(2600mm/t=6.0) Mechanical press / Hydraulic press (2000t、1500t etc) Hydroforming machine 1600X600XH80(Quintus),2000X1000XH120 800bar(Quintus)Heat treatment solution furnaceHeat treatment artificial aging furnace (Nadcap certified)


Nanbu Factory


Hydroforming machine(Quintus) 2000X1000XH120


Heat treatment solution furnace 800X1800X800


Hardness measuring instrument


Tensile testing machine

Location 9-260 Kagami Ogase-cho, Kakamigahara, Gifu
Company website URL https://www.tobakosan.co.jp
Establishment Sept. 1958
Representative SOBAJIMA Masao, President & CEO
Capital JPY 90million
Employees 334
Contact person MAKINO, Sales Dept.
Phone number +81-574-62-3220
E-mail m-makino@tobakosan.co.jp

company website QR code

NAGOJI IRON WORKS Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

54

Main Businesses

●Manufacturing and sales of automotive parts and general industrial metal parts.

Strength

●The machining center and NC milling cutter are inductance type on all axes, improving pitch machining accuracy. For mass-produced and repeated parts, we believe that our strength is that we can meet demands for quality and delivery with using special tools and jigs developed and manufactured in-house.

Main products

Various aircraft parts

Facilities

Machining center

MAKINO V99(1500 X 1000 X 650)

MAKINO V61nx (730 X 650 X 800) 1unit

OKUMA 800H (1250 X 1000 X 8500) 1unit

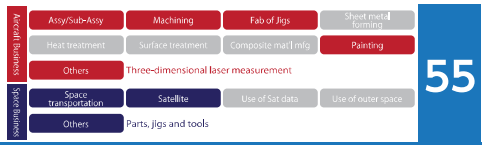

Headquarters


Aircraft parts(alminum)

Location 1887-1 Takanosu, Kamono-cho, Minokamo, Gifu
Company website URL https://nagoji.jp/
Establishment Aug. 1990
Representative NAGOJI Takahiro, President & CEO
Capital JPY3million
Employees 6
Contact person NAGOJI Takahiro
Phone number +81-574-25-8007
E-mail nagojitk@tcp-ip.or.jp

company website QR code

Nabeya Manufacturing Co., Ltd



55

Main Businesses

- Manufacturing of various jigs and tools, mainly for the aerospace industry.
- Machining of aircraft parts.
- Subassembly of aircraft parts.
- Measurement work using portable 3D measuring machines.

Strength

- High-precision machining technology for aircraft parts
- Quality assurance system utilizing 3D measuring equipment, etc.
- Integrated production system including jig design and manufacturing
- Flexible production system capable of handling high-mix, low-volume production

Certifications

JISQ9100-2016

Main products

Manufacturing of assembly jigs for aircraft and space rockets, machining of aircraft and space rocket parts, precision machining of aluminum and titanium materials, and 3D laser measurement of transportation equipment and vehicles.

Facilities

Multiple large NC/MC machines and laser tracker arms for measurement


Headquarters

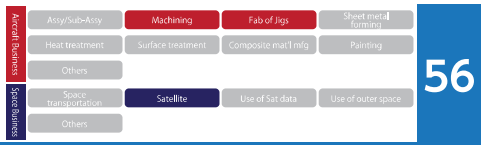

Ueto factory


Yamawaki factory

Location 2-12 Technoplaza, Kakamigahara, Gifu
Company website URL https://www.nabeya-mfg.co.jp/
Establishment Nov. 1971
Representative GOSHIMA Tadashi, President & CEO
Capital JPY40million
Employees 109
Contact person WAKASUGI, Sales administration Dept.
Phone number +81-58-383-6351
E-mail info@nabeya-mfg.co.jp

company website QR code

HIKARI MANUFACTURE CO., LTD.



56

Main Businesses

- Manufacturing of transportation equipment (aircraft, rockets, satellite components, automobiles, etc.)

Strength

- Achievements

  Our company operates three business divisions in different industries (aerospace, automobiles, medical equipment, and industrial machinery) and achieves stable profits that are difficult to be affected by fluctuations in the global economic trend.

- Technology

  We continue to take on the challenge of developing ""unique technologies"" by leveraging our in-house technology and research and development that we have cultivated over many years.

- Quality

  We ensure thorough quality control by complying with the system we have built to guarantee quality, as well as the international certifications and customer certifications we have obtained.

Certifications

JIS Q 9001-2015,JIS Q 14001-2015,JIS Q 9100-2016,Nadcap (Welding、Non conventional Machine)

Main products

Aircraft wings and fuselages, engine components, rocket fairings and fuselages, engine components, automotive functional parts

Facilities

Shibaura Machine horizontal rib processing machine MF-2560 2 units (1 each for 3 axes and 5 axes),Gate type machining center MCW-7140, MCW-46150, 1 each,Shin Nippon Kikai horizontal high-speed profiler GHP-200B 2 units (1 each of 3-axis and 5-axis),Large vertical lathe SVT-5000C 1 unit,Mitsui Seiki horizontal 5-axis MC Hu100-5X 3 units, Hu80-5X 6 units, Hu63A-5X 1 unit,Makino Milling 5-axis MC MAG1 1 unit


Seki plant


Aircraft fuselage parts


Aeroengine parts

Location 248-3 Nakano, Kasamatsu-cho, Hashima-gun, Gifu
Company website URL https://www.hikariss.co.jp
Establishment May 1947
Representative MANABE Kouji, President and CEO
Capital JPY 90million
Employees 335
Contact person Hiroe Sales Dept.
Phone number +81-58-387-4361
E-mail se_ai@hikariss.co.jp

company website QR code

PETEMAS co.,itd

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

57

Main Businesses

●Painting company specializing in aerospace and defense.

Strength

●Our company can handle a wide variety of products in small lots, and we strive for quick and efficient operations.

Certifications

JIS Q 9100、MSJ4000、KQMS-7200

Main products

Aerospace and defense aircraft parts and equipment / transportation equipment

Facilities

Paint booths 6units, Paint booth with integrated drying oven iunit, Drying ovens 4units



North Factory (Headquarters)



Paint Booth No. 5 (Paint booth with integrated drying oven)

Location	1304-1 Fukuzuka, Wanouchi-cho, Anpachi-gun, Gifu
Company website URL	http://www.petemas.co.jp/
Establishment	May. 1988
Representative	IMURA Takashi, President & CEO
Capital	JP10million
Employees	40
Contact person	YASUFUKU, Sales and Production Management Department
Phone number	+81-80-4848-2355
E-mail	yasufuku@petemas.co.jp

company website QR code

Mizuno Metal Works

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

58

Main Businesses

●Processing of aerospace equipment parts
●Assembly and repair of aircraft
●Design and production of various types of tools
●Processing hydraulic equipment parts

Strength

●We handle integrated production from single-item small lots to mass production, from material procurement to welding, processing, surface treatment, and subassembly.
●We also handle machining plans, design and manufacture of jigs and tools, and NC programs.

Certifications

ISO 9001, JIS Q 9100

Facilities

NC lathes (MAX φ1,600mm) 20units,Machining centers (MAX 6,000mm) 70units
(We are good at processing aluminum alloys, titanium alloys, iron, stainless steel, etc)
Three-dimensional measuring device (MAX 6,000mm)Laser tracker
(Assembling large items on-site and conducting inspections of various sizes are available)



Sekiplant



Assembly Area of Aircraft Parts

Location	4539-10 Kurachi, Seki, Gifu
Company website URL	https://www.miztec.jp
Establishment	Feb. 1951
Representative	MIZUNO Tomohiro, President & CEO
Capital	JPY 48million
Employees	177
Contact person	YOSHIMURA, General Aning Div.
Phone number	+81-575-21-5511
E-mail	yoshimura@miztec.jp

company website QR code

MEIHOKU KOGYO CO., LTD

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others, Material sales, NDI
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

59

Main Businesses

[Material Sales]
- Cold heading steel wire: Secondary processing of automotive wire rods (heat treatment, pickling, wire drawing)
- Aerospace materials: Providing of AMS standard low-alloy steel, stainless steel, aluminum, titanium, etc.

[Special Processing]
- Non-destructive testing: Penetrant testing of aerospace components
- Surface treatment: Passivation treatment, cadmium plating treatment
- Heat treatment: Quenching and tempering of steel materials, solution treatment, precipitation treatment, aging treatment of stainless steel

Strength

[Material Sales]
- Short Lead Times through Inventory Utilization: We stock AMS standard materials and can provide them in lengths and quantities according to customer requirements with short lead times.
- Procurement Network: Materials not in stock are procured through domestic and international partnerships.
- Material Processing Services: We also offer heat treatment, rough processing, and other services in collaboration with partner companies.

[Special Processing]
〈Non-Destructive Testing〉
- Short Lead Times & Small Lot Handling: We achieve unparalleled short lead times (shortest possible delivery time is same day) and small lot handling.
- On-Site Inspection Service: For large or difficult-to-handle parts, our inspectors will travel to your designated location for inspection.
- Titanium Etching: We can also perform etching on titanium parts before penetrant testing.
- Certifications: We have obtained certifications from various heavy industry companies and manufacturers, including Nadcap certification.〈Surface Treatment〉
- Cadmium Plating Service: Only a very small number of companies in Japan can provide this service.
- Certifications: We have obtained certifications from various heavy industry manufacturers.

Certifications

ISO 9001、 ISO 14001、 JIS Q 9100、 Nadcap(PT)

Facilities

[Cutting Machines]
- Carbide Circular Saw Cutting Machine: Capable of cutting general steel and stainless steel materials with a diameter of φ10 to 70 mm.
- Chuck-Type Cutting Machine: Capable of cutting aluminum materials that fit within a W300 x H200 mm opening.
- Band Saw Cutting Machine: Capable of cutting general steel materials (including stainless steel and titanium) with a diameter of φ20 to 260 mm.[Penetrant Testing Equipment]
- Applicable Size: T500 x W500 x L500 mm or less (Please inquire about large parts).
- Applicable Standards: Type I, Methods A, B, C, D, ASTM E 1417 and JIS Z 2343 compliant.Sensitivity Level 3 or 4

[Surface Treatment Equipment]
- Applicable Size: T300 x W300 x L300 mm or less
- Applicable Standards: Passivation Treatment…AMS2700, QQ-P-35, Cadmium Plating…AMS-QQ-P-416

[Heat Treatment Equipment]
- Applicable Size: T200 x W250 x L560 mm or less
- Applicable Standard: AMS2750



Penetrant testing equipment



Various types of steel bars

Location	1-8-1, Hachiyadai, Minokamo, Gifu
Company website URL	http://www.meihoku-kogyo.co.jp/
Establishment	Oct. 1947
Representative	FUKUNISHI Yasukazu, President & CEO
Capital	JPY60million
Employees	240
Contact person	NISHIMURA, Sales Dept.
Phone number	+81-574-24-0628
E-mail	kazu.nishimura@meihoku-kogyo.co.jp

company website QR code

メイラ株式会社 MEIRA Corporation

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

60

Main Businesses

- Manufacture and sale of bolts and precision cold forged parts for automobiles and general industries
- Assembly of bolts, nuts and rods and manufacture and sale of integrated machine processing parts for aerospace
- Manufacture and sale of medical (orthopedics) screws, plates, and implant

Strength

[Integrated production]
Meira is self-sufficient in materials and is capable of integrated production including special processes such as various processing, heat treatment, non-destructive testing, surface treatment, painting, and assembly.

[Self-sufficient materials]
We handle low-alloy steel, ultra-high tensile steel (300M, H-11, 4340, MP159 etc), corrosionand-heat resistant steel (A286, 15-5PH, PH13, 8Mo etc), heat-resistant alloy steel (Inconel 718,Waspaloy, Nimonic, etc.), titanium alloy (Ti-6Al-4V etc) and aluminum alloy (2024, 6061, 7075 etc.)

[Heat treatment]
Vacuum hardening furnace for low alloy steel and ultra-high tensile strength steel, vacuum furnace for solution treatment and precipitation of heat-resistant and corrosion-resistant steeland super heat-resistant alloy steel, aluminum heat treatment furnace, solution treatment furnace exclusively for titanium, tempering and precipitation treatment furnace, Sub-zero furnace, stress relief furnace, etc.

[Non-destructive testing]
Magnetic particle testing equipment, Zygro testing equipment, temper etching testing, material analysis equipment (X-ray fluorescence analysis/emission spectroscopy), etc.

[Surface treatment]
Cadmium plating (brite, ambrite, titanium cadmium), zinc nickel plating, aluminum alumite (chromic acid method, sulfuric acid method, boric acid sulfuric acid method), aluminum conversion coating treatment, titanium etching, passivation treatment, black oxide film treatment, shot peening, etc.

[Painting]
Primer coating, top coating such as polyurethane enamel, fuel tank interior coating, titanium solgel coating, aluminum spray coating, etc.

[Assembly]
Cold fitting of bushes, caulking of bearings, assembly of sealant-treated rods, etc.

[Inspection]
Coordinate measuring machine, tensile/compression universal testing machine, fatigue testing machine, rupture testing machine, S/L NUT torque measuring machine, scanning electron microscope, etc

Certifications

JIS Q 9100 , ISO 14001 , NADCAP(AC7102,AC7108,AC7114,AC7117)



Business field

Location	【Headquarters】17-15 Tsubaki-cho, Nakamura-ku, Nagoya, Aichi 【Seki Plant】81-1 shin-hazama, Seki, Gifu
Company website URL	https://www.meira.co.jp
Establishment	June 1932
Representative	OHASHI Makoto, President & CEO
Capital	JPY 330 million
Employees	748
Contact person	YOKOI, Aerospace Sales Dept.
Phone number	+81-52-459-1276
E-mail	h_yokoi@meira.co.jp

company website QR code

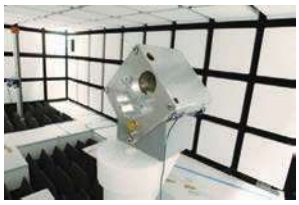
Morishin Industries LTD

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others

61

Main Businesses

●Manufacturing and sales of aluminum honeycomb panels used for artificial satellite bodies



Artificial satellite body

Strength

●We can accommodate custom orders starting from a single item with a short turnaround time.

Main products

Artificial satellite bodies, etc.



Rotary table

Facilities

Machining centers, etc.

Location	1275-1 Mimayano, Gero, Gifu, Japan
Company website URL	https://www.morishin.com/
Establishment	Aug. 1979
Representative	ISHIDA Tatsuya, President and CEO
Capital	JPY 40million
Employees	37
Contact person	MORI, Senior Managing Director
Phone number	+81-576-26-2200
E-mail	Please contact us via the company website.

company website QR code

YASHIMA CO.,LTD

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others, MRObusiness
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others, Machining of satellite fairing components

62

Main Businesses

●Aerospace field: sheet metal parts processing, composite material parts molding, machining, sub assembly, jig manufacturing,repair of composite parts, etc.



Headquarters



Seki plant



Autoclave

Strength

●Since 1973, Yashima Co., Ltd. has served as a primary subcontractor for the Aerospace Systems Company of Kawasaki Heavy Industries, Ltd., undertaking tasks such as the processing of aircraft sheet metal parts, the fabrication of composite components, the manufacture of jigs and tools, and sub-assembly operations.

●Our sheet metal operations range from stretch-forming (for primary structural components of civil aircraft) to NC machining, while our composite component operations focus primarily on manufacturing air conditioning ducts and interior panels for Ministry of Defense aircraft.

●We also have constructed a new plant in Seki in 2025 to expand our business as a repair facility for composite components used in Ministry of Defense aircraft.

Certifications

JIS Q 9100:2016 & JIS Q9001:2015

Main products

Aircraft metal frames and chords.Composite components for Ministry of Defense aircraft.

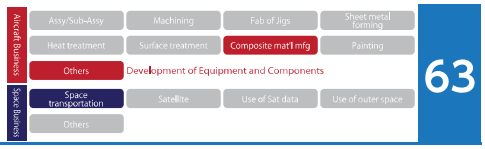
Facilities

Autoclave: φ2000×L4000 1 unit,Stretch former: 20 tons 2 units,Stretch former: 50 tons 1 unit,Machining Centers with 5 Simultaneously Controlled Axies 7 units,CNC Coordinate Measuring machine Z1000×W1600×L3000 1 unit,Non-contact three-dimensional measuring machine 1unit

Location	1-15-6, Sohara Kitayama-Cho, Kakamigahara, Gifu
Company website URL	https://www.yashima-mfg.co.jp
Establishment	Sept. 1973
Representative	INOUE Ryosuke, President and CEO
Capital	JPY 15million
Employees	100
Contact person	OHORI,Human Resources and General Affairs Dept,
Phone number	+81-58-382-1151
E-mail	oohori-s@yashima-mfg.co.jp

company website QR code

YUTAKA ELECTRONICS Co,Ltd.



Main Businesses

- Development of hot draping equipment for aircraft composite materials and superplastic forming equipment for titanium molding
- Manufacturing of hydraulic servo system calibration equipment
- Manufacturing of drive systems and hinges for large drones
- Labor-saving equipment for frame and stringer polishing



Vibration Testing Machine
A device that uses vibration to analyze and determine the durability of a product.



Power supply units and electronic load devices
We conduct performance tests and failure analyses by conducting product commissioning and simulating power loads.

Strength

- Our company possesses in-house expertise in circuit design, manufacturing, mechanical design, and software development, enabling us to handle everything from design to prototyping.
- In circuit design, we develop both hardware and software in-house, including analog circuits, digital circuits, and microcontrollers.



3D Printer
Used for prototyping and testing various parts manufacturing processes.

Main products

Hydraulic servo system calibration device, hot draping device, superplastic molding device

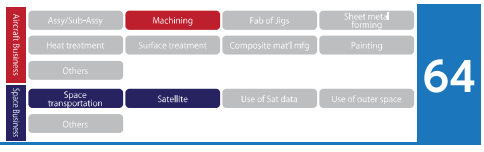
Facilities

3D-CAD, DSO, multimeter, servo analyzer, brake press, shearing machine, drill, 3D printer, laser processing machine, etc.

Location	2-75 Desuga, Funabashi-cho, Hashima, Gifu
Company website URL	https://yutakadenshi.com/
Establishment	April. 1983
Representative	AONO Yutaka, President and CEO
Capital	JPY10million
Employees	8
Contact person	AONO Yutaka, Development 2
Phone number	+81-58-398-2082
E-mail	y-y-aono@remlock.co.jp

company website QR code

RISOH PRECISION CO.,LTD.



Main Businesses

- Precision cutting of difficult-to-machine materials and complex shapes
- Precision metalworking using NC lathes, multi-tasking machines, etc.
- Manufacturing of high-precision parts, including components for the aerospace industry



New factory



CFRP processed products

Strength

- Our company pursues micrometer (μm) level precision and high repeatability required in the aerospace and semiconductor fields, achieving precision machining capable of handling difficult-to-machine materials such as CFRP, Inconel, and Hastelloy.
- Our equipment and technical capabilities, capable of machining large workpieces, support high-quality manufacturing.

Main products

Industrial machinery parts, machine tool parts, various equipment parts, precision machined parts, large machine parts

Facilities

Large NC lathes and multi-tasking machines, 5-axis gantry type 5-axis machining centers, vertical and horizontal machining centers (including 5-axis and multi-axis specifications), CNC horizontal boring and milling machines (4-axis and 5-axis), wire EDM machines, laser welding machines, high-precision 3D measuring machines, and various general-purpose machines.

Location	1529 Fukuduka, Wanouchi-cho, Anpachi-gun, Gifu
Company website URL	https://www.risoh-seimitsu.com
Establishment	April. 1988
Representative	NAKAMURA Tetsuya, President and CEO
Capital	JPY10million
Employees	28
Contact person	NAKAMURA, Sales Management Dept.
Phone number	+81-584-69-5445
E-mail	info@risoh-seimitsu.com

company website QR code

Wako Co., Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others, Jig production

65

Main Businesses

- Aircraft parts manufacturing
- Rolling Stock parts manufacturing
- Jig and tool manufacturing


Technoplant


welding process

Strength

- The aircraft division specializes in small-lot and/or high-mix parts processing, rubber trimming processing, and custom-made jig and tool production.
- The rolling stock division specializes in welding thin aluminum sheets. In addition to our advanced welding techniques, we also use ingenuity through development and tooling(jigs).


Automatic mounting machine



Assembly model
(original product)

Certifications

JIS Q 9100,　JIS Q 9001

Facilities

Fiber laser compound machine LS3015HL
Custom-made cutting machine with sizing device
NC press brake BH8525/BH13530NC
Welding machine (TIG, MIG, CO2, stud, spot)
CAD/CAM system
Machining center MB66-VB
Coordinate measuring instrument RVA1000-S24

Location	2-33 Technoplaza, Kakamigahara, Gifu
Company website URL	https://www.wako-gifu.co.jp/
Establishment	Dec. 1972
Representative	HASHIMOTO Atsunori, President & CEO
Capital	JPY 10million
Employees	62
Contact person	HASHIMOTO, General Affairs Dept.
Phone number	+81-58-322-3135
E-mail	c-hashimoto@wako-gifu.co.jp

company website QR code

K・A SYOJI CO., Ltd.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others, Machining of satellite fairing components

66

Main Businesses

- Manufacturing of Japanese food for space

Strength

- Wide Range of Food OEM Services
  We handle the manufacturing of various products, including retort foods, jellies, puddings, and paste-like foods. We can discuss manufacturing methods tailored to your product's characteristics, such as room-temperature storage products and frozen products.
- Flexible and Prompt Response
  We flexibly respond to even detailed requests that may be difficult for large-scale factories to handle.
  We work closely with our customers in all aspects, including packaging materials, filling methods, sterilization conditions, and manufacturing processes, to bring products to market.
  We are also working to strengthen our quality control system, including daily manufacturing records, hygiene management, and measures to prevent foreign object contamination.
- Practical Support Necessary for Commercialization
  We also support verification work necessary for commercialization, such as food labeling, allergen labeling, nutritional information labeling, and specification creation.
- Product Development Utilizing Locally Sourced Ingredients
  We are also working on product development utilizing locally sourced ingredients, including those from Gifu Prefecture.
  We help express the charm of the region through food.


Certified as Japanese Space Food in 2023
"Curry made with Tanegashima bananas and Ingy regional chicken"


New space food (Japanese food)
we plan to apply for.

Certifications

JFS-B, Gifu Prefecture HACCP

Main products

Retort foods, frozen foods

Facilities

Kettle, rotary filling machine, pillow packaging filling machine, boiling and cooling tank, pressurized heating sterilization equipment, X-ray detector

Location	8-14-1 Miyake, Ginan-cho, Hashima-gun, Gifu
Company website URL	https://keiei-syoji.jp/
Establishment	Sept. 1994
Representative	AOKI Kenkichi, President and CEO
Capital	JPY10million
Employees	27
Contact person	AOKI
Phone number	+81-58-201-1235
E-mail	keieis1@iris.ocn.ne.jp

company website QR code

GOCCO. Gocco., inc.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others — Near-space platform project using stratospheric balloons

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Main Businesses

●Our main business is the planning, development, and operation of near-space platforms using stratospheric balloons.
Utilizing the stratospheric environment at an altitude of approximately 30,000m, we provide flights for image acquisition, environmental measurement, communication demonstration, and educational and research purposes using small modules and various observation instruments.
We handle everything in-house, from mission design and onboard equipment planning and integration to launch and recovery operations and utilization of acquired data, and we also promote collaboration with local governments, educational institutions, and research and development projects.
GOCCO. operates the stratospheric round-trip service ""shuttleD"" and has extensive experience in flights using stratospheric balloon technology.


Preparations for launching a stratospheric balloon.

Strength

●Our strength lies in our ability to consistently conduct observation and demonstration experiments utilizing the stratosphere, the intermediate region between Earth and space, from the planning stage to implementation and operation.
We offer comprehensive proposals that go beyond simple balloon launches, encompassing mission design, selection and integration of onboard equipment, utilization of acquired data, and even collaboration with education and local communities.
●Furthermore, we do not overly rely on our own fixed facilities.By collaborating with partner companies in manufacturing and large-scale processing, we build optimal systems for each project, achieving highly flexible development and demonstration.
GOCCO. emphasizes its strength as a system that provides consistent support from research to design and implementation in its publicly available information.


Images taken upon reaching the stratosphere, or photographs showing the curvature of the Earth.


A stratospheric balloon flying into the

Main products

Stratospheric round-trip flight "shuttleD" - Near-space experiment and observation platform using stratospheric balloons - Small module/payload for high-altitude environment testing - Stratospheric flight services for imaging, communication demonstrations, and sensing applications Educational business: Sora Lab

Facilities

Our company does not own large balloon manufacturing facilities; the manufacturing and large-scale processing of the balloon itself are outsourced to partner companies.
Our main facilities include a development environment for stratospheric mission design, assembly and evaluation facilities for onboard equipment, various cameras, sensors, communication equipment, position tracking devices, PCs for ground station operation, flight operation and recovery equipment, and data acquisition analysis environments.
Our main business activities are design, payload integration, test planning, flight operation, recovery, and data utilization.

Location	STUDIO3 3F, 2-26 Honmachi, Ogaki, Gifu
Company website URL	https://gocco.co.jp/
Establishment	Mar. 2010
Representative	KIMURA Ryosuke, President & CEO
Capital	JPY 19.2million
Employees	8
Contact person	MORI Masayuki
Phone number	+81-90-9997-2743
E-mail	mori@gocco.co.jp

company website QR code

HASETORA SPINNING CO.,LTD.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others — Heat-resistant material

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Main Businesses

<Spinning Business>
We offer a wide range of high-value-added textile products, spanning from functional fibers—such as ""Kynol™, "" the world's only phenolic novoloid fiber—to multi-functional textiles suitable for sports and outdoor wear, as well as household goods like towels and mops.
<Interior Business>
We enhance diverse living spaces with innovative products created through our proprietary carpet technologies.We provide products that contribute to enriching people's lives and creating better environments, including carpets for offices and commercial facilities, interior materials for automobiles and aircraft, and artificial turf for sports facilities.


Phenolic novoloid fibers, Kynol yarn


spinning machine


Tufting machine

Strength

Hasetora Spinning has successfully spun "Kynol," a phenolic novoloid fiber originally developed in the United States about 50 years ago as a heat-resistant material for space exploration.Kynol is considered extremely difficult to process into yarn because it lacks crimp and the fibers themselves are brittle.Leveraging years of accumulated experience and know-how, we possess the technology to spin not only Kynol but also a wide range of other high-performance materials, such as aramid and acrylate.

Certifications

IISO 9001, Regional Future-Leading Company, Gifu SDGs Promotion Partner, Gifu Prefecture Work-Life Balance Promotion Company

Main products

High-performance yarns (including special fibers such as Kynol), outdoor and sportswear, carpets, automotive interior carpets, artificial turf, etc.

Facilities

<Head Office Plant> Cotton mixing/scutching machines 2units, Synthetic fiber mixing/scutching machines 5units, Carding machines 54units, Combing units 5units, Drawing frames 20units, Roving frames 7units, Spinning frames 21units, 9 of Winders sets plus 7 units
<Hirakata Plant> Tufting machines 16units, Standard backing machine, Tile machine 1, PE processing machine, Winch dyeing machine, Continuous dyeing machine, CJ dyeing machine

Location	197-1 Egira, Hashima, Gifu ,Japan
Company website URL	https://hasetora.co.jp/
Establishment	Jan. 1947
Representative	Hase Takaharu, President & CEO
Capital	JPY95million
Employees	Non-consolidated: 179 (Group: 207))
Contact person	General Affairs Dept. Plant Manager
Phone number	+81-58-392-2121
E-mail	Yasuda：den-yasuda@hasetora.co.jp Taga：m-taga@hasetora.co.jp

company website QR code

General Incorporated Association MEDAR

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others — SSA, radar remote sensing

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Main Businesses

●Research and development of atmospheric re-entry observation technology and radar systems

Strength

●Considering of university-originated ventures

Facilities

General-purpose machine tools

Location	3-3-50 Kagashimaseika, Gifu, Gifu, Japan
Company website URL	https://medar.jp/
Establishment	April. 4
Representative	Tanaka Koki, Representative Director
Capital	JPY 1.5million
Employees	20
Contact person	Tanaka Koki, Representative Director
Phone number	+81-90-9902-5618
E-mail	info@medarlab.org

company website QR code

LogistLab Inc.

Aircraft Business: Assy/Sub-Assy, Machining, Fab of Jigs, Sheet metal forming, Heat treatment, Surface treatment, Composite mat'l mfg, Painting, Others
Space Business: Space transportation, Satellite, Use of Sat data, Use of outer space, Others — Design and Manufacturing of Optical Elements

70

Main Businesses

●Design and manufacturing of free-form mirrors for satellite-borne optical instruments, large segmented-mirror telescopes, etc.

Strength

●A Kyoto University spin-off venture originating from the project for the "Seimei Telescope"—the largest in East Asia—our company is a leader in the field of mirrors for extremely large telescopes and satellite-borne instruments.

Main products

Ultra precision optical mirror

Facilities

Laser interferometer
Robotic polishing machine
Large optical surface plate
CGH (Computer-Generated Hologram)



Robotic polishing machine and mirror



Grinding process

Location	【Headquarters】THEHUB Shijokarasuma 507, 331Kamiyanagi-cho,Shimogyo-ku,Kyoto,Kyoto 【Kakamigahara Office】Technoplaza302 Technoplaza1-1, Kakamigahara, Gifu
Company website URL	https://logistlab.biz/
Establishment	July 2017
Representative	TAKAHASHI Keisuke, President & CMO
Capital	JPY11.5million
Employees	4
Contact person	Miyajima, Kakamigahara Office General Affairs Dept
Phone number	+81-90-4405-0803
E-mail	miyajima@logistlab.biz

company website QR code

wamokeikobo Co., Ltd.

Aircraft business: Assy/Sub-Assy | Machining | Fab of Jigs | Sheet metal forming | Heat treatment | Surface treatment | Composite mat'l mfg | Painting | Others

Space business: Space transportation | Satellite | Use of Sat data | Use of outer space | Others | Models, mockups, dioramas, structural research models, etc.

71

Main Businesses

- Model making for all kinds of industrial products, buildings, civil engineering, etc.
- Model making for various satellite models and satellite equipment
- Model making from documents regardless of the field

Strength

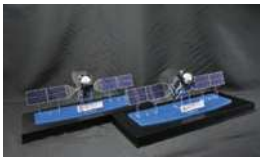
- Model making that focuses on key points
- Model making based on information such as images, even without drawings or data
- Produced numerous satellite models commissioned by JAXA, various government ministries, satellite manufacturers, space venture companies, etc.
- Complete in-house production system, including the production of movable models

Main products

All kinds of models (satellite models, mechanical models, architectural models, civil engineering models, etc.)

Facilities

2 Laser Processors, 8 3D printers, Small water jet, UV printer, Hand planer, Tilting saw, Electric planer



Michibiki No. 5 and No. 7
scale 1:50



GOSAT-GW
scale 1:50



Model illustrating the Michibiki positioning system (nonscale)

Location 4-1-19 Suga, Gifu, Gifu
Company website URL https://www.wamokei.com/
Establishment Dec.12
Representative KOYAMA Shuichi, President and CEO
Capital JPY 5million
Employees 8
Contact person KOYAMA
Phone number +81-58-213-4111
E-mail info@wamokei.com

company website QR code

Human resource development institutions in Gifu Prefecture

Monozukuri Education Plaza

●This is an educational facility established within Gifu Technical High School to train the next generation of engineers for sectors such as the aerospace industry.
●We conduct hands-on training that allows participants to experience the entire process, ranging from design and machining to surface treatment, assembly, and inspection.

Location: Tokiwa-cho, Kasamatsu-cho, Hashima-gun, Gifu
(Within Gifu Prefectural Gifu Technical High School)
Contact: Aerospace Industry Division, Department of Commerce, Labor and Industry
Gifu Prefectural Government
+81-58-272-8836



Tokai National Higher Education and Research System Intelligent Production Technology Research & Development Center for Aerospace (IPTeCA)

●Established at Gifu University as Japan's first facility dedicated to scientific and systematic education and research and development in aerospace production technology.
●This facility serves as a hub where industry, academia, government, and the financial sector collaborate to conduct research and development and to cultivate the talent required for the future aerospace industry.

Address: 1-1 Yanagido, Gifu, Gifu,Japan
Contact: Intelligent Production Technology Research & Development Center for Aerospace (IPTeCA)
+81-58-293-3714

company website QR code



VR Techno Center Inc.

●We conduct training programs covering design, CAD, production engineering, and integrated production primarily aimed at workforce development for the aircraft industry.
●We also offer courses and other programs to support the aircraft industry.

Adress: 1-1 Technoplaza, Kakamigahara, Gifu ,Japan
Contact: Training Sect.
+81-58-379-2281
E-mail: c-kensyu@vrtc.co.jp

company website QR code



Collage of Naka-Nippon Aviation

●Our school trains engineers who are active in various fields of the aerospace industry.
●There are three departments: Aviation Maintenance, Aviation Robotics, and Airport Service Department. About 14,200 graduates (as of March 31, 2026) are active in aerospace-related companies nationwide.

Adress: 1577 Hasama, Seki, Gifu, Japan
Contact: Publicity Sect
+81-120-252-159
E-mail: kouhou@cna.ac.jp

company website QR code



Information on support measures

To all aerospace companies in Gifu Prefecture, and to all companies considering expanding into Gifu Prefecture!

★Asia's No. 1 Aerospace Industry Cluster Special Zone

Becoming a member of the special zone grants you benefits such as tax and financial support, and special regulatory measures.

Location: 2-1-1 Yabutaminami, Gifu, Gifu
Contact: Aerospace Industry Division, Department of Commerce, Labor and Industry
Gifu Prefectural Government
+81-58-272-8836
E-mail: c11354@pref.gifu.lg.jp

★One-stop service for the aerospace industry

The Kakamigahara branch of the Gifu Economic and Industrial Promotion Center has several coordinators specializing in the aerospace industry, providing a variety of support tailored to the needs of companies.

●Exhibition/business meeting support
The Center will subsidize a portion of booth fees for exhibitions and trade shows such as the International Aerospace Exhibition. Furthermore, the Center will provide advice on the content of presentation materials used at these exhibitions and trade shows.

●Support for corporate human resource development
The Center will be holding several seminars providing information and knowledge useful for new entrants and business expansion in the aerospace industry!

●Subsidies for SMEs and SME groups within the prefecture (Subsidies for the project to enhance the attractiveness of the aerospace industry)
To enhance the attractiveness of aerospace companies, the Center will provide subsidies of up to 10 million yen for pioneering projects aimed at improving corporate image and attracting talent, development projects related to entering new fields such as space, projects to improve production efficiency, and projects to strengthen production capacity through certification acquisition.

Location: 1-1 Technoplaza, Kakamigahara, Gifu
Contact: Gifu Economic and Industrial Promotion Center
+81-58-379-2212
E-mail: aerospace-GPC@gpc-gifu.or.jp


Exhibiting at international aerospace exhibitions and business meetings


Aerospace seminar

★Human resource development training

Technoplaza Monozukuri Support Center (Kakamigahara City) offers aerospace-related training for workers.



Training facility equipped with specific tools



Specific trainings for employees of aerospace industry

★Subsidy program for the establishment of business offices, etc.

●**Gifu Prefecture Business Location Promotion Subsidy**
This subsidy provides financial assistance to companies headquartered in Gifu Prefecture for a portion of the costs associated with acquiring land, buildings, and depreciable assets (initial fixed asset cost) when establishing their first business base (factory, etc.) within the prefecture.(Maximum 500 million yen)
Furthermore, in certain industries such as the aerospace industry, tax reduction measures for real estate acquisition may be applied in conjunction with the above subsidy program.

●**Gifu Prefecture Subsidy for Attracting Businesses to Large-Scale Vacant Factories**
This subsidy provides partial assistance for initial fixed asset costs, etc., for the establishment of business facilities utilizing closed large-scale factories.
(Maximum of 1 billion yen)

●**Gifu Prefecture Head Office Function Relocation Promotion Project Subsidy**
This subsidy provides a portion of the initial fixed asset costs for companies relocating all or part of their headquarters and business offices to the prefecture from outside the prefecture. (Maximum of 1 billion yen)

★Arrangement of factory land

For companies seeking land to construct factories or other facilities within Gifu Prefecture, Gifu Prefecture provides information on suitable sites and various support programs tailored to their needs.

★Gifu Prefecture SME Support Measures Utilization Guidebook

Gifu Prefecture provides a guidebook to meet the diverse needs of SMEs and to help them utilize the prefecture's policies more effectively.
It can be downloaded from the Gifu Prefecture official website.

URL：https://www.pref.gifu.lg.jp/page/9732.html



GIFU AEROSPACE INDUSTRIES

JAPAN GIFU
AEROSPACE INDUSTRIES

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