

09 COMPANY PROFILE

CHUO ENGINEERING

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Address	Nitta Building, 1-17-23 Meieki-minami, Nakamura-ku, Nagoya, Aichi, 450-0003, Japan
Tel	+81-52-611-2919
Email	contact@chuo-eng.co.jp
Website	https://www.chuo-eng.co.jp/
Contact Person	Naoji Ishino Executive Officer, General Manager of Aerospace Division
Capability Category	<ul style="list-style-type: none"> · Design, development testing and operation & maintenance of aerospace instruments and devices · Design and development of automotive devices
Representative	Yutaka Ishida, CEO & President
Sales Amount	5 billion yen
Capital	116 million yen (Capital reserve is included)
Employees	557
Established	September 1955
Certification	JIS Q9100, ISO9001
Major Customers	MHI group, KHI group, IHI group, JAXA BOSCH group, HONDA group, Fujitsu group, SONY group, Canon group, Daifuku group, Murata Machinery group, HITACHI group

■ Business Overview

Our business is focused primarily on the design and analysis of Aircraft, Aero Engines and Aerospace Equipment. Especially Analysis and Additive Manufacturing field, our technicians meet your demand with rich experience and skills. We also provide the design and manufacture of Test Equipment at the R&D Center.

■ Products · Materials · Part Sizes · Facilities & Equipment

·Product & Services

Design Engineering : Structure, Equipment and Jigs
Analysis Engineering : Strength Analysis, Vibration Analysis, Motion Analysis, Thermal Analysis, Fluid Analysis and Optimization
R&D : Test Equipment

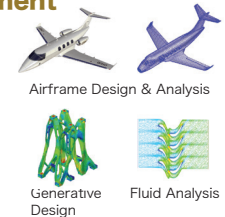
Additive Manufacturing : Design for Additive Manufacturing, Manufacturing Prototype, Machining, and Evaluation

Design Tools

CAD : CATIA V4 V5, CREO, Unigraphics NX-2, Solid Works, AUTO CAD, MICRO CAD
Analysis : Abaqus, Nastran, HyperWorks, Patran, Femap, ADAMS, Marc, Fluent, NASGRO

·Additive Manufacturing Facilities (Partner Company)

3D Printer : EOS M290, M400-4 (250mm×250mm×325mm, 400mm×400mm×400mm)
Materials : Aluminium, Steel, Maraging Steel, Cobalt Chrome, Nickel Alloy, Titanium, Stainless, Invar, CuCr, Others



■ Our Strength

- We are strong in the field of structural analysis. We are particularly good at creating new structures and shapes using topology optimization.
- We are strong in Additive Manufacturing Engineering. We can support the whole process from selection of parts suitable for Additive Manufacturing to design proposal of new shape using topology optimization, and prototype manufacturing and evaluation.



■ Needs we can correspond / Business partners we want

- Customers who want Design and Analysis for Product Integration.
- Customers who want Product Weight Saving.
- Customers who want Additive Manufacturing Engineering Solutions.
- Customers who want Design and Manufacture prototype by Additive Manufacturing.

■ Office & Plants

- Head Office (Tokyo) · Design Center (Utsunomiya, Yokohama, Nagoya, Komaki, Fukuoka)
- R&D Center (Komaki) · Training Center (Nagoya)