

# Company Profile

## CHUO ENGINEERING

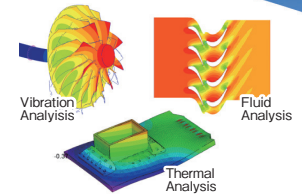
<b>Address</b>	Nitta Building, 1-17-23 Meieki-minami, Nakamura-ku, Nagoya, Aichi, 450-0003, Japan
<b>Tel</b>	+81-52-611-2919
<b>Email</b>	aerospace@chuo-eng.co.jp
<b>Website</b>	<a href="https://www.chuo-eng.co.jp/">https://www.chuo-eng.co.jp/</a>
<b>Contact Person</b>	Naoji Ishino Aerospace Division General Manager
<b>Capability Category</b>	<ul style="list-style-type: none"> <li>Design, development testing and operation &amp; maintenance of aerospace instruments and devices</li> <li>Design and development of automotive devices</li> </ul>



<b>Representative</b>	Yoshihiro Saita, CEO & President
<b>Sales Amount</b>	5.1 billion yen (as of the end of March, 2020)
<b>Capital</b>	116 million yen (Capital reserve is included)
<b>Employees</b>	528
<b>Established</b>	September 1955
<b>Certification</b>	JIS Q9100, ISO9001
<b>Major Customers</b>	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)