

***C-ASTEC***

# A Brief Outline of Chubu Aerospace Technology Center

**KONDO Yasuhiko**, Senior Managing Director

**GOTO Norio**, Business Director, Technological Design  
Chubu Aerospace Industry and Technology Center



# ***Chubu Aerospace Technology Center***

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- **A brief outline of Chubu Aerospace Technology Center (or C-ASTEC)**
  - **Role/Members/Annual budget**
- **Main activities in the fiscal 2009**

***(March, 2010)***



## *A brief outline of C-ASTEC*

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### ■ ***Role***

Established in September 1993, the Chubu Aerospace Technology Center is a public interest incorporated association, with the authorization of the competent government ministers – Ministry of Education, Culture, Sports, Science and Technology, and Ministry of Economy, Trade and Industry. Its role is to strengthen the industry and economy of the Chubu district, by activation and enhancement of the aerospace industry and academy through the exchange and transfer of information and technology.

### ■ ***Members***

Private Companies (86), Local governments (4), Economic organizations (7), Individuals (34, supporting members).

### ■ ***Annual budget***

About 25 million yen (Mainly membership fees) plus about 87 million yen (contract work fees and subsidies from local governments, Chubu METI, etc.), total about 112 million yen (or \$1.24 million).



## *C-ASTEC main activities in the fiscal 2009 (1)*

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- Our activity is mainly coordination work under the activities by the Chubu METI called ‘Aerospace industry forum’, and here follows the work of ours undertaken on behalf of the Chubu Bureau of Economy, Trade and Industry, METI, and local governments. They are mainly divided into 3 areas.
  1. **Research & Development**
  2. **Expansion of the market**
  3. **Cultivation of human resources**

### **1. Research & Development**

- Helped to successfully invite JAXA’s flight research center to this area.
- A study group activity to enhance aircraft parts processing. This year, focused on the surface treatment.



## *C-ASTEC main activities in the fiscal 2009 (2)*

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- ‘Support Industry’ program for small/mid sized companies in their research and development in order to enhance processing technology. There are 10 activities going on, and some examples are study on the cutting bit suitable for difficult-to-cut materials such as CFRP, and a new surface treatment technology like thermal spray, which is environmental friendly.

## **2. Expansion of the market**

- Secretariat for the fair –preparations for JA2012 Japan International Aerospace Exhibition.
- Promotion of the local brand to the world – PR activities in the Netherlands, Singapore Air Show, PR activities in the U.K. and France.
- Completion of a new PR pamphlet called ‘NAGOYA Aerospace Industry Guide’. To be revised this year.
- Information collection on the aerospace companies in the region.



## *C-ASTEC main activities in the fiscal 2009 (3)*

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- Support activity for enhancement of the aircraft parts development/production/sales (integrated production), and creation of a network between small/midsize firms (upstream) and large companies (downstream)
- A study group for new comers to the industry – 8 selected companies to continue their study next year.
- “Aerospace Symposium in Nagoya 2009” Nov. 30 and Dec. 1, 2009
  - 78 companies participated in the business matching with 8 major companies, and 1,144 people joined in the 2-day 8 lectures, from various industries.
  - 8 Chubu aerospace-related companies, including 3 heavy industries - Mitsubishi, Kawasaki and Fuji, had their own booth.



## *C-ASTEC main activities in the fiscal 2009 (4)*

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- Collaboration with other aerospace industry organizations, both overseas and domestic.
  - Support to small/midsized companies at the Paris Air Show
  - Contact with FEMIA, Mexico and NAG, the Netherlands.
  - Regional fair and festivals related to the aerospace field.
- Joined in the RIT (regional industry tie-up) program of JETRO (The Japan External Trade Organization), related to aerospace field.

### **3. Cultivation of human resources**

- CATIA basic education for aircraft designing.
- Support to Nagoya University DBT leadership education.

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