



**METI**

*Ministry of Economy,  
Trade and Industry*



## **Activities of Japan Aerospace Industry Forum**

Chubu Aerospace Technology Center  
(C-ASTEC)

# Japan Aerospace Industry Forum (JAIF) -est. 2008

Our mission is to promote the Japanese aerospace industry by supporting its integration, encouraging new entrants, and fostering cooperation among industries, government and academic institutions.

## Major members in Greater Nagoya Region

**Chairman: Mr. Toshio Mita**

### Industries

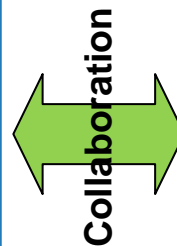
Chubu Economic Federation  
Chubu Aerospace Technology Center  
Major airframe manufacturers  
Small or medium-sized parts suppliers

### Academic institutions

Nagoya University  
College of Naka-Nippon Aviation

### Government

Aichi, Gifu, and Mie Prefectures  
Nagoya City  
Chubu Bureau of METI



## Collaboration with other domestic regions

Paris Air Show member regions

### Tohoku Region

### Kanto Region

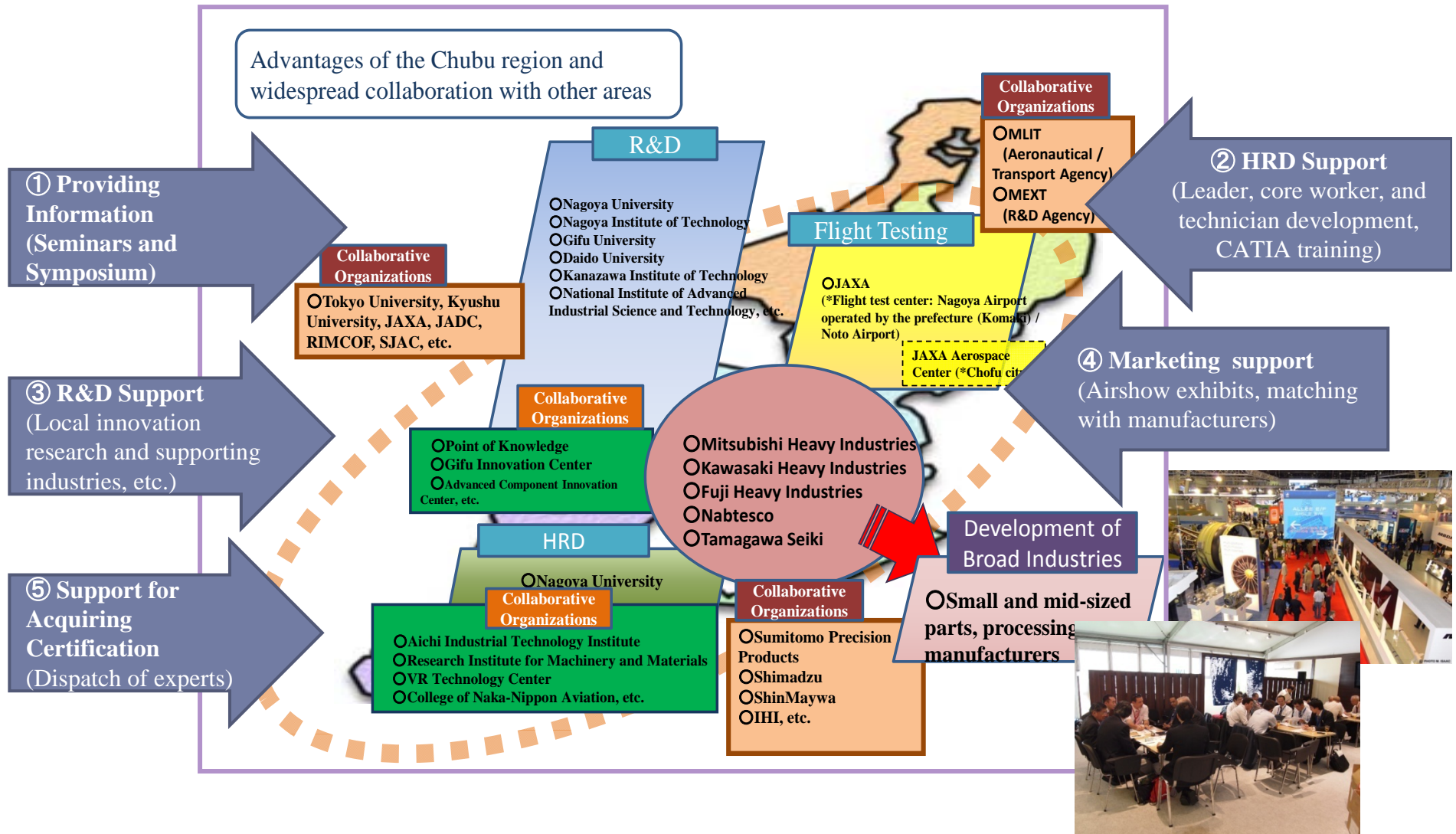
### Hokuriku Region

### Kinki Region

\*The above are the prefectures and regions where Paris Air Show member companies are located.

# Current Activities of METI Chubu

○ Organization of Japan Aerospace Industry Forum made up of industry and university representatives to support technical development and new entry by companies in the region.



# Aircraft Industry Goal for the Chubu Region

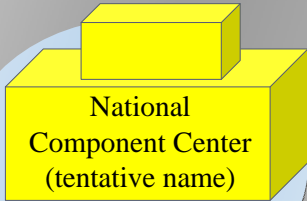
- [Goal Image]**
- Global location that contributes to the development of next generation aircraft
  - Development of global state-of-the-art composite materials and establishe technologies

- [Future Support]**
- Development of an evaluation research site with design, type approval, maintenance, and repair services in addition to software support.

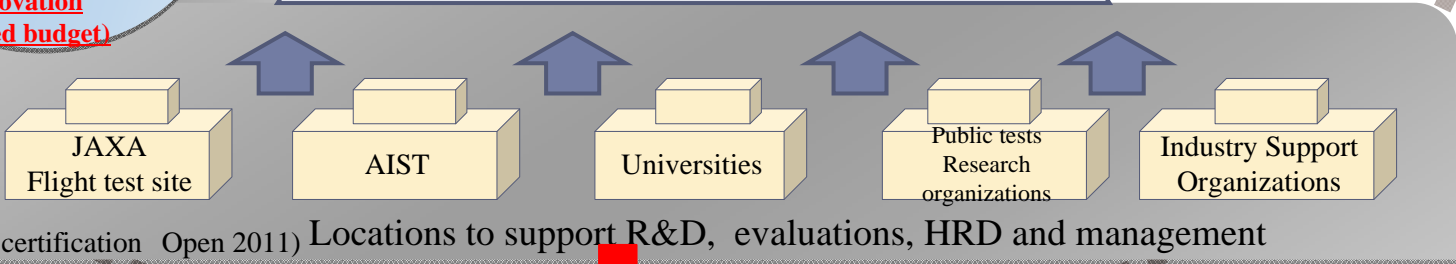
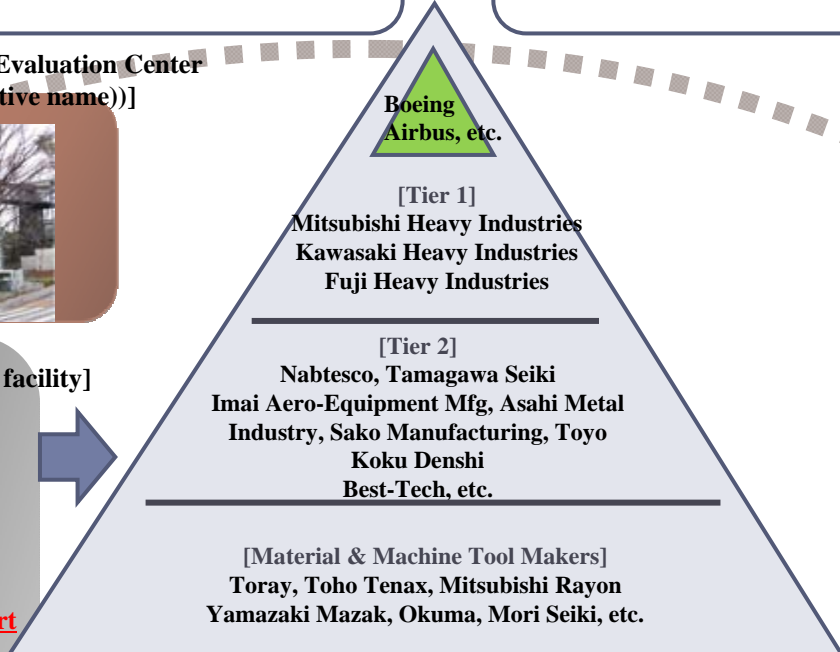
**[Composite Material Development Evaluation Center  
(National Component Center (tentative name))]**



**[Enhanced innovation through a new facility]**



**→ Scheduled development of support sites for innovation (2010 Revised budget)**



Contribute to global next generation aircraft development

# Overview of Developing the National Component Center

- Japan's first open R&D site to demonstrate and evaluate composite material manufacturing technology (\*mainly using thermoplastic resin) will be developed in the Chubu region where manufacturing industry is centered while building a network of advanced composite material research sites in Japan.
- Academic, business and government organizations will work together at the site to perform evaluation tests and standardize large material molding technology, lightning, and heat and flame resistant materials. The site will move forward with the demonstration, evaluation and standardization of composite material production technology and human resource development.
- Large composite material makers and users in Japan such as aircraft and automobile makers and machine makers are scheduled to participate. Collaboration is also scheduled with those in the composite material industry around the world.

## ○Main Demonstration & Evaluation Details

- Large mold technology development (2m<sup>2</sup> or more) prototype evaluation, lightning, heat and flame resistance test evaluation and standardization

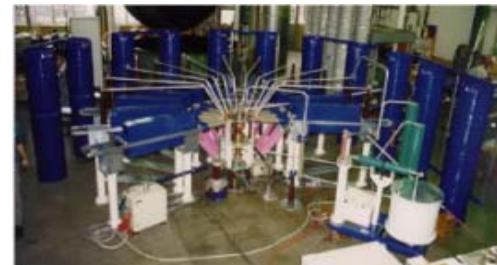
○Development Location: Nagoya University Campus (Scheduled site)

○Project size: Approx. 2 billion yen

○Management: Guiding committee made up of industry, academic and government representatives manage using installation, membership fees and usage fees, etc.

(Heat & Flame Resistant Test Device)

■ Development of site equipment



(Lightning Test Device)

(Large Press Machine)



(Extruder)



## Marketing Support - Encouraging participation in the Paris Air Show 2011 by SME and assisting them in business negotiations

- Activities at the show ([Our stand: Hall4-D50](#))
  - Group meetings and individual business negotiations
  - Meetings with international aerospace organizations, etc
- Companies supported by us
  - Leading medium-sized aircraft-related manufacturers (parts suppliers, machine tools builder, engineering companies, etc). [At this show, total 21 companies+clusters participated this time.]
- Implementation system
  - An executive committee from Chubu Bureau of METI, local governments, economic organization (led by Mr. Mita chairman of C-ASTEC, Chubu Economic Federation) for planning, preparation and local support.

*Interim report from the show.*

Request for samples : 3 cases

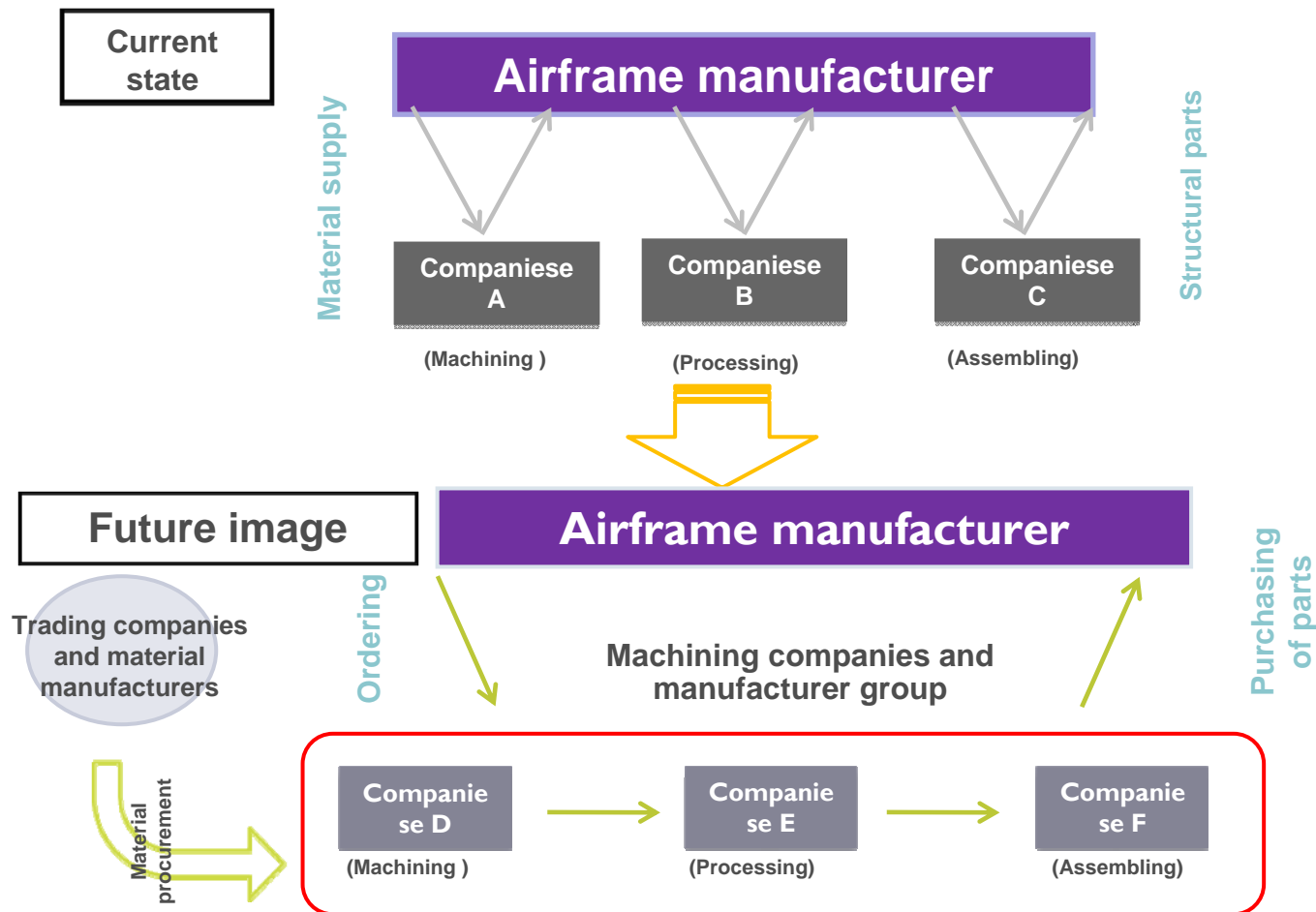
Request for quotation: 19 cases

Request for NDA: 7 cases

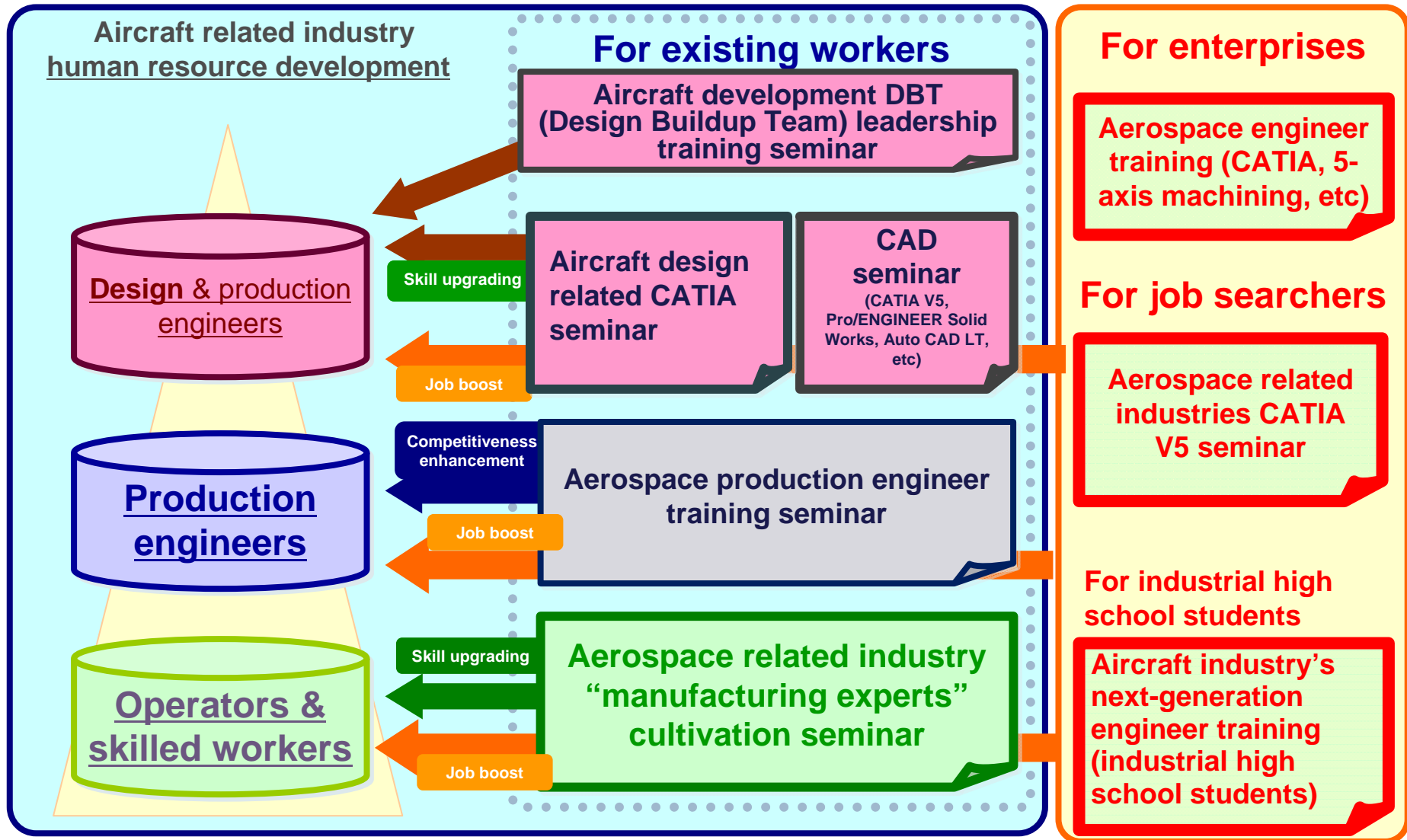


# Marketing Support ~ Reorganizing Suppliers

In order to increase international competitiveness of suppliers, we are now reorganizing and integrating manufacturers and manufacturer groups.



# Education and Training





## The outline of JA2012 (International Aerospace Exhibition)

- ▶ 【Purpose of exhibition】
- ▶ By gathering aerospace-related companies, organizations and others, we will foster communications among the trade and information exchanges, and at the same, we will contribute to improve the aerospace-related industry and improve understanding of the nation on the space industry, and contribute to better people's lives.
- ▶ 【Name】
- ▶ JA2012 International Aerospace Exhibition (Japan Aerospace 2012/JA2012)
- ▶ 【Dates】
- ▶ 6 days from 9<sup>th</sup> October (Tue) to 14<sup>th</sup> (Sun) 2012
- ▶ 【Venue】
- ▶ ◎ Port Messe Nagoya (Trade and public days)
  - Trade days: 4 days from 9<sup>th</sup> October (Tue) to 12<sup>th</sup> (Fri)
  - Public days: 3 days from 12<sup>th</sup> October (Fri) to 14<sup>th</sup> (Sun)
  - Note) The 12<sup>th</sup> (Fri) is set as a trade/public day, and recruiting of students is planned.
- ▶ ◎ Chubu international airport (for public days)
  - Public days: 3 days from 12<sup>th</sup> October (Fri) to 14<sup>th</sup> (Sun)
- ▶ ※ Organizer: The Society of Japanese Aerospace Companies (SJAC)



PR activities at the last Farnborough Air Show 2010

**Thank you for your attention**