



# Tokyo Aerospace Symposium 2015

Oct.14 (Wed.) - Oct.16 (Fri.), 2015 10:00~17:00

Tokyo Big Sight West Hall 4

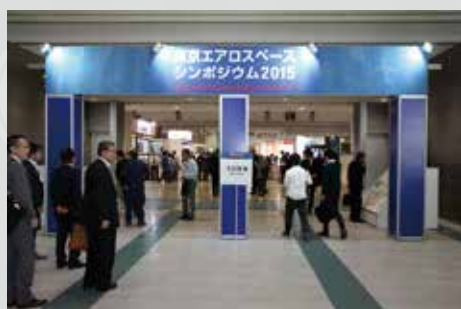
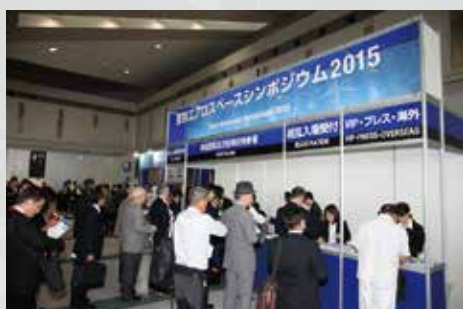
Final Report

ORGANIZERS: Tokyo Metropolitan Government,  
Tokyo Big Sight Inc.

<http://www.tokyoaerospace-sympo.com>

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# Outline

<b>EVENT NAME</b>	Tokyo Aerospace Symposium 2015	<b>CONCURRENT SHOWS</b>	Security & Safety Trade Expo (RISCON TOKYO) 2015, Special Equipment Exhibition & Conference for Anti-Terrorism (SEECAT) ' 15
<b>PERIOD</b>	Oct.14 (Wed.) - Oct.16 (Fri.), 2015 10:00~17:00	<b>ADMISSION FEE</b>	JPY 2,000 (Free for those who present invitations or preregister online)
<b>VENUE</b>	Tokyo Big Sight West Hall 4	<b>Exhibit Scale</b>	265 companies/organizations, 251 booths (Including co-exhibitors)
<b>ORGANIZERS</b>	Tokyo Metropolitan Government / Tokyo Big Sight Inc.		
<b>SUPPORTING ORGANIZATION</b>	Office of National Space Policy Cabinet Office, Japan / Ministry of Education, Culture, Sports, Science and Technology / Ministry of Economy, Trade, and Industry / Ministry of Land, Infrastructure Transport and Tourism / Ministry of Defense / Japan Aerospace Exploration Agency (JAXA) / The Society of Japanese Aerospace Companies (SJAC) / The Japan Society for Aeronautical and Space Sciences / Japan Business Aviation Association / Chubu Aerospace Industrial Technology Center / Japan Machine Tool Builders' Association / Japan Society for Composite Materials		

## NUMBER OF VISITORS

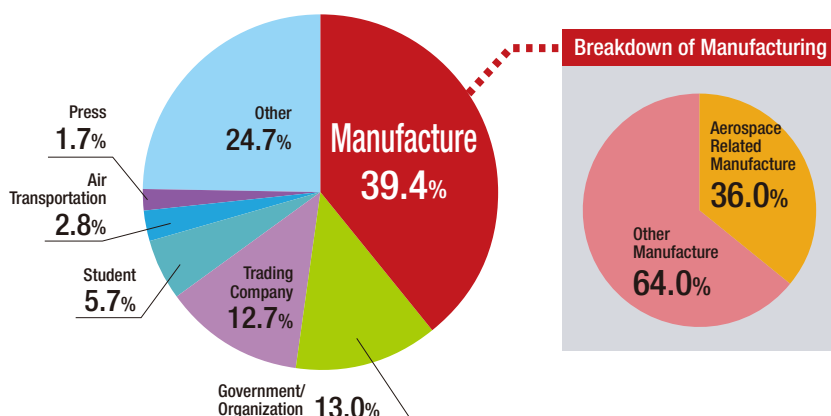
8,827 registered visitors attended Tokyo Aerospace Symposium 2015 and a total of 23,687 visitors. There were also 83 overseas visitors from 23 countries and regions. In terms of visitor breakdown by occupation, the manufacturing industry accounted for approx. 40%. In addition, the ratio of aerospace related manufacture was 4 points increased compared to previous event.

Date	Weather	Registered Visitors *1 (Overseas)	Visitors*2
Oct. 14 Wed.	Fine	2,794 (23)	7,498
Oct. 15 Thu.	Fine / Cloudy	2,709 (30)	7,234
Oct. 16 Fri.	Rainy / Cloudy	3,324 (30)	8,955
<b>TOTAL</b>		<b>8,827 (83)</b>	<b>23,687</b>

※1 "Number of registered visitors" refers to the number of attendees who registered their name, company, etc., at the entrance gate.

※2 "Visitors" include re-entries and exhibitor entries  
[Previous event] Registered Visitors : 14,779 Visitors : 29,417

### Breakdown by Occupation



### Overseas: Number of visitors by country / region (breakdown)

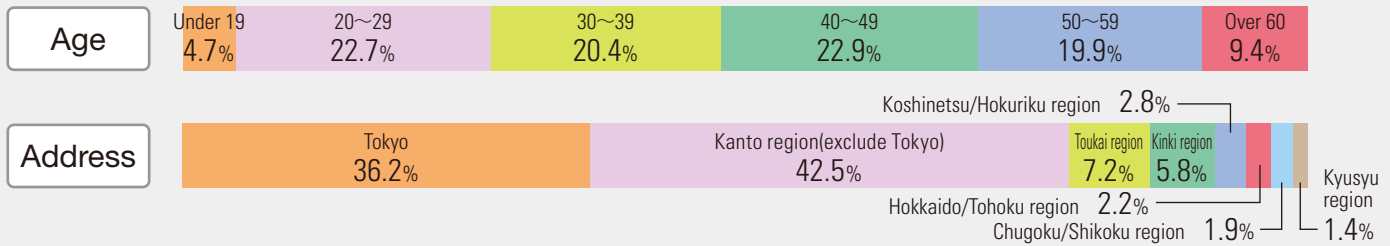
country / region	Visitors
U.S.A	12
France	11
Taiwan	10
Singapore	8
Phillipines	5
Hong Kong	5
U.K	4
Other	28
<b>Total</b>	<b>83</b>



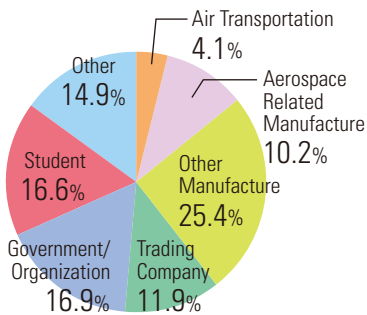
## Results of the visitor questionnaire

More than 90% of visitors responded that their visit to Tokyo Aerospace Symposium 2015 was "as expected" or "more than expected." Regarding purpose of visit (multiple answers allowed), more than half responded "to confirm trends in aerospace industry" and "To obtain new product information and purchasing products (business negotiation)". This indicates that Tokyo Aerospace Symposium 2015 was expected as the place to gather information about the latest aerospace industry. In addition, more than half had high-level involvement in purchase decision.

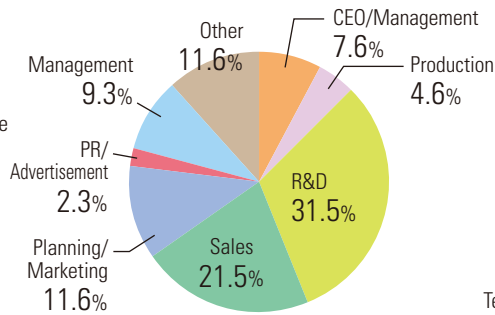
### Visitor Profile (Quantity of responses:362)



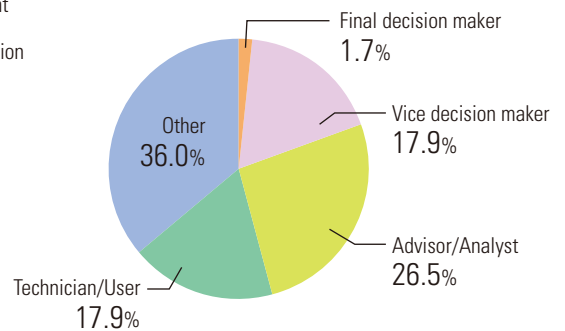
#### Q1 What is your occupation?



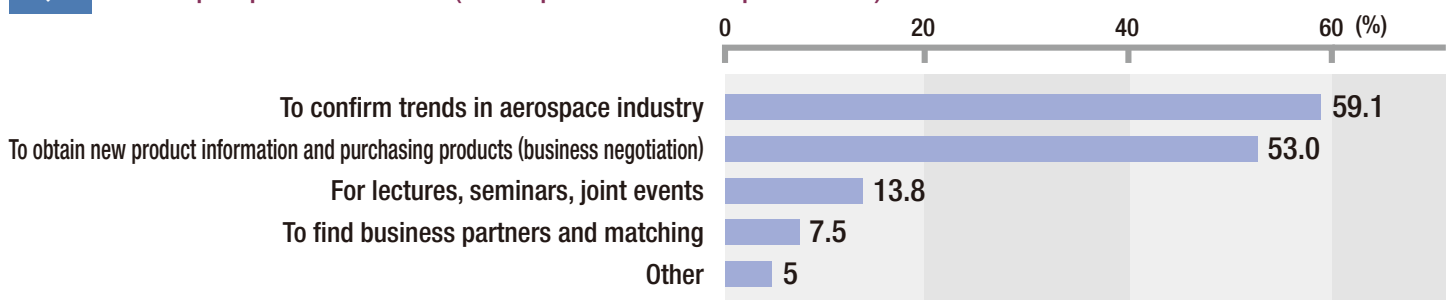
#### Q2 What is your job category? ※exclude student



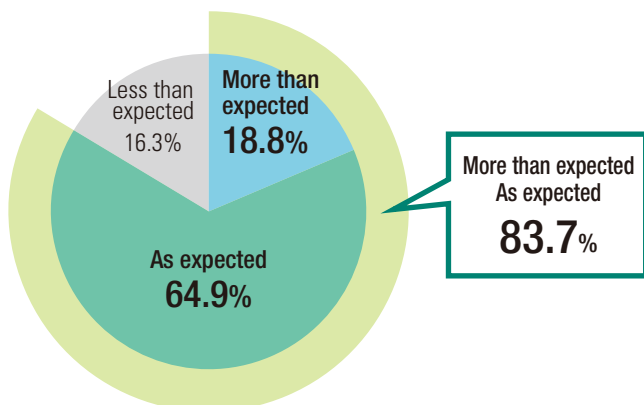
#### Q3 Level of Involvement in purchase decision ※exclude student



#### Q4 Main purpose of visit (Multiple answers possible)



#### Q5 How satisfied were you with the exhibition?



#### Free responses

- I got a lot of information to enhance my knowledge of aerospace industry.
- There were many high-quality products and services.
- I could understand the efforts of municipality and cluster.
- I felt active situation of Japanese aerospace industry through exhibitors booths.
- I found exhibitor that I would definitely like to make a deal with.

# Visitors List(excerpt)

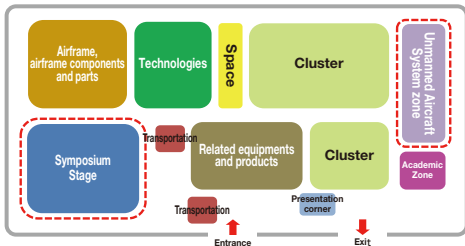
## Alphabetical order

<b>A</b>	AERO ASAHI CORPORATION Aero Facility Co., Ltd. Aero Space Industrial Support Agency Aerodrome Support and Aeronautical Service AeroPartners Incorporated Airbus Defence & Space Airbus Group AIRBUS HELICOPTERS JAPAN CO., LTD. AIRBUS JAPAN K.K. AIRDO Co., Ltd. AIRPORT FACILITIES CO., LTD. Airport Transport Service Co., Ltd. AKAGI HELICOPTER CO., LTD. Akebono Brake Industry Co., Ltd. ALL NIPPON AIRWAYS CO., LTD. ALL NIPPON AIRWAYS TRADING CO., LTD. Allied Telesis K.K. ANA AIRPORT SERVICES CO., LTD. ANA Engine Technics CO., LTD. ANA HOLDINGS INC. ANA Strategic Research Institute Co., Ltd. ANA WINGS CO., LTD. Asahi Glass Co., Ltd. Association of Air transport Engineering & Research ATC Systems Service, LTD. Australian Embassy, Tokyo	<b>I</b>	Hochiki Corporation Honda Motor Co., Ltd. Honda R&D Co., Ltd. IBM Japan IHI AEROSPACE CO., LTD. IHI COMPRESSOR AND MACHINERY CO., LTD. IHI Jet Service Co., Ltd. IKAROS PUBLICATIONS LTD. International Aircraft Development Fund Isuzu Motors Limited ITOCHU AVIATION Co., LTD. ITOCHU Corporation ITOCHU MACHINE-TECHNOS CORPORATION Iwatani Corporation	<b>J</b>	JAL Engineering Co., Ltd. JALUX Inc. Japan Aero Pressure Co., LTD. JAPAN AERONAUTICAL ENGINEERS' ASSOCIATION Japan Air Self-Defense Force Japan Aircraft Development Corporation Japan Aircraft Pilot Association. Japan Airport Ground Handling Co., Ltd. Japan Airport Terminal Co., Ltd. JAPAN AVIATION SERVICE COMPANY LIMITED Japan Broadcasting Corporation JAPAN COAST GUARD Japan External Trade Organization(JETRO). Japan Machine Tool Builders' Association Japan Manned Space Systems Corporation Japan Maritime Self-Defense Force Japan Meteorological Agency Japan Oil, Gas and Metals National Corporation Japan Patent office. JAPAN POST Co., Ltd. Japan Science and Technology Agency JAPAN SPACE FORUM Japan Space Systems Japan Weather Association. Japanese Aero Engines Corporation JATCO Ltd JBM Corporation JEPICO Corporation JFE Engineering Corporation JFE Steel Corporation JGC CORPORATION Johnson & Johnson K.K. JTEKT Corporation Jupitor Corporation. JX Nippon Oil & Energy Corporation	<b>K</b>	Kaigai Corporation Kajima Corporation Kanematsu Aerospace Corporation KANEMATSU CORPORATION KANTO BUSSAN CO., LTD. Kawaju Akashi Engineering Co., Ltd. Kawasaki Technology Co., Ltd. Keio Corporation KEYENCE CORPORATION KINTETSU WORLD EXPRESS, Inc. Kobe Steel, Ltd. KOITO MANUFACTURING CO., LTD. Kokusai AeroMarine Co., Ltd. Komatsu Ltd. Komatsu NTC Ltd. Konica Minolta, Inc. KURARAY CO., LTD. KYB Corporation. KYOCERA Corporation Kyodo News.	<b>M</b>	Marubeni Aerospace Corporation Marubeni Corporation MARUBENI INFORMATION SYSTEMS CO., LTD. MARUBENI MACHINE TOOLS CO., LTD. MARUBUN CORPORATION Mazda Motor Corporation MC Aviation Partners Inc. MEIRA Corporation Metropolitan Expressway Company Limited. Metropolitan Police Department	<b>N</b>	Metropolitan Police Department Aviation Unit Minister for Foreign Affairs Ministry of Agriculture, Forestry and Fisheries Ministry of Defense Ministry of Economy, Trade and Industry Ministry of Education, Culture, Sports, Science and Technology Ministry of Finance Japan Ministry of Internal Affairs and Communications Ministry of Justice Ministry of Land, Infrastructure, Transport and Tourism MISSOURI Department of Economic Development Mitsubishi Corporation Mitsubishi Electric Corporation Mitsubishi Hitachi Tool Engineering, Ltd. Mitsubishi Materials Corporation MITSUBISHI RAYON CO., LTD. Mitsubishi Research Institute, Inc. MITSUI & CO., LTD. Mitsui Bussan Aerospace Co., Ltd. MITSUI BUSSAN MACHINE TEC Co., Ltd. Mitsui Engineering & Shipbuilding Co., Ltd. Mitsui Fudosan Co., Ltd. Mitsui Sumitomo Insurance Company, Limited Mizuho Bank, Ltd. Mori Building Co., Ltd. Murata Manufacturing Co., Ltd. Nabtesco Corporation Nakanihon Air Service Co., Ltd. NARITA INTERNATIONAL AIRPORT CORPORATION. National Institute for Materials Science National Police Agency NAVICOM AVIATION CORPORATION NEC Aerospace Systems, Ltd. NEC Corporation NEC Engineering, Ltd. NEC Space Technologies, Ltd. New Energy and Industrial Technology Development Organization. Next generation Space system Technology Research Association Next-Generation Regional Air Network Council NHK SPRING Co., Ltd. NIKKISO CO., LTD. Nikon Corporation NIPPI Corporation NIPPON DENKO CO., LTD. NIPPON EXPRESS. NIPPON STEEL & SUMIKIN BUSSAN CORPORATION. NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION Nishi-Nippon Railroad Co., Ltd. NishiNipponAirLines Co., Ltd. NISSAN MOTOR CO., LTD. Nomura Research & Advisory Co., Ltd. NOMURA SECURITIES CO., LTD. Northrop Grumman NSK Ltd. NTT Advanced Technology Corporation NTT Communications NTT COMWARE CORPORATION NTT Data NTT Electronics Corporation. Nuclear Regulation Authority Obayashi Corporation Odakyu Electric Railway Co., Ltd. OKAYA & CO., LTD. Oki Electric Industry Co., Ltd. Oki Engineering Co., Ltd. Olympus Corporation ORIX Corporation Panasonic Avionics Corporation Panasonic Corporation Resona Bank, Limited. Ricoh Company, Ltd. Rolls-Royce in Japan SAN-AI OIL CO., LTD. SATELLITE POSITIONING RESEARCH AND APPLICATION CENTER (SPAC) Schaeffler Japan Co., Ltd. SEKISUI CHEMICAL CO., LTD. Sharp Corporation Shikoku Electric Power CO., Inc.	<b>O</b>		<b>P</b>		<b>R</b>		<b>S</b>		<b>T</b>	SHIMA SEIKI MFG., LTD. SHIMADZU CORPORATION SHIMIZU CORPORATION ShinMaywa Industries, Ltd. SHOWA AIRCRAFT INDUSTRY CO., LTD. SKY Aerospace Institute SKY Perfect JSAT Corporation skycatch Inc. SKYLABEL CO., INC. Skymark Airlines Inc SMBC Friend Securities Co., Ltd. SMBC Nikko Securities Inc. SoftBank Group Corp. Sogo Spring SOHGO SECURITY SERVICES CO., LTD. Sojitz Aerospace Corporation Sojitz Corporation Sojitz Systems Corporation Solaseed Air Inc. Sompo Japan Nipponkoa Insurance Inc., Sony Corporation SPACE ENGINEERING DEVELOPMENT Co., Ltd. Spring Airlines Japan Co., Ltd. State of Arkansas SUGINO MACHINE LIMITED, Sumisho Aero-Systems Corporation Sumitomo Chemical Company, Limited SUMITOMO CORPORATION Sumitomo Electric Industries, Ltd. Sumitomo Heavy Industries, Ltd. Sumitomo Mitsui Banking Corporation TAISEI CORPORATION Takenaka Corporation Tamagawa seiki Co., Ltd., TDK Corporation. TEIJIN LIMITED TERUMO CORPORATION, The Bank of Tokyo-Mitsubishi UFJ, Ltd. THE CHUGOKU ELECTRIC POWER CO., INC. The Embassy of France The Embassy of Mexico The Embassy of United States THE KANSAI ELECTRIC POWER CO., INC. The Trade Representation of the Russian Federation THE UNITED STATES ARMY The Vietnam Aerospace Association The Yokohama Rubber Company, Limited THK CO., LTD. Tohoku-Electric Power Co., Inc. TOKAIRIKA, CO, LTD. Tokio Marine & Nichido Fire Insurance Co., Ltd. TOKYO ELECTRIC POWER COMPANY Tokyo Gas Urban Development TOKYO KEIKI AVIATION INC. TOKYO KEIKI INC. TOKYU CORPORATION TOKYU FUDOSAN HOLDINGS. TOPPAN PRINTING CO., LTD TORAY INDUSTRIES, INC. TOSHIBA CORPORATION TOSHIBA MACHINE CO., LTD TOSHIBA MATERIALS CO., LTD., TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION TOYOTA BOSHOKU CORPORATION TOYOTA INDUSTRIES CORPORATION. Toyota Motor Corporation Toyota Tsusho Corporation. Trade and Invest British Columbia UK Trade & Investment VIRGINIA ECONOMIC DEVELOPMENT PARTNERSHIP Virtual Aerospace Japan Co., Ltd. Yamaha Motor Co., Ltd. YAMAHA MOTOR ENGINEERING CO., LTD. YANMAR FLYING-Y BUILDING Yokogawa Denshikiki Co., Ltd. Yokogawa Electric Corporation Yusen Logitec Co., Ltd. ZENRIN CO., LTD.
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# Tokyo Aerospace Symposium 2015

## Floor Map

### Category by Field Hall Configuration



### Contents of Exhibition

#### A Transport and flights

Transport, flights/Ground control support/  
Security system/Service and repairs/  
Fuel/Others

#### C Airframe, airframe components and parts

Airframe and main airframe parts  
(Aircraft, Helicopters, unmanned craft, Rockets, Satellites),  
Exterior equipment and parts, Accessories,  
interior parts and fixtures,  
Electronic and electric equipment-related parts,  
Precision and electronic parts, semiconductors,  
Others

#### E Technologies

Processing of compound materials, Metal processing,  
Resin processing Thermal treatment and surface treatment processing,  
Welding, meltdown, ablation Forging and casting,  
Measurement, analysis, tests, Assembly,  
Coating, Design and trial production, Others

#### G Unmanned Aircraft systems

Unmanned Aircraft Systems, Related Services, Agrochemical spraying, surveying/  
measuring, airborne imaging, video production, environmental survey, security,  
infrastructure survey, equipment maintenance, facility monitoring, materials management, forest/  
coastal management, natural disaster response, rescue, etc.  
Related Technology - Related systems, sensors, batteries, motors, communication devices,  
control devices, image receiving devices, cameras, etc.

#### B Aerospace utilization

Space utilization/  
Telecommunications and broadcasting/  
Remote Sensing, observing, surveying,  
airborne imagery/Others

#### D Related equipments and products

Machine tools, industrial machinery,  
environmental machinery, Tools and jigs,  
Measurement devices, measuring instruments,  
test devices, analyzers,  
Materials Computer system-related items  
(hardware and software), Others

#### F Others

R&D, Industry-government-academia  
collaborative projects, Enterprise location  
Temporary staffing and personnel education,  
Investigation and certification of standards  
Consulting and surveys, Mass media,  
newspapers, publishing

## Symposium Stage

### Exhibitors List (Including co-exhibitor) /Alphabetical order

- A**  
B-03 Accurate, Inc.  
A-04 Acquisition, Technology & Logistics Agency  
D-09 Aerospace IIDA / NEXAS Co., Ltd.  
H-03 Aerospace Plane Research Center  
D-05 Aichi Prefecture/City of Nagoya  
ISHII MACHINERY CO., LTD.  
IZAWA METAL CO., LTD.  
NAGAE-SIKI CO., LTD.  
NSR JAPAN CO., Ltd  
PAIONIA FURYOKUKI CO., LTD.  
TAMADIC CO., LTD.  
TECHNOPLAST CORPORATION  
Tetsugen Jitsugyo Company LTD.  
Unitech Co., Ltd  
A-01 Alpha Aviation Co., Ltd.  
A-11 ALTEX Corporation/SynQor  
E-20 AMATERAS  
Denkahimakukouyou Co., Ltd  
HAT Co., Ltd  
Kamijima Netsushori Co., Ltd.  
MIMASU INDUSTRIES CO., LTD.  
NAGASE CO., LTD  
Osaki Kinzoku Co., Ltd  
Shiono Precision Co., Ltd.  
Tamayakin Co., Ltd.  
YOSHIMASU SEISAKUSHO CO., LTD  
G-07 Air photography Giken Co., Ltd  
National Institute of Technology, Kagawa College  
Collaborative Education Center of Emerging  
Technology  
G-20 amuse oneself Inc.  
crystal tech corp.  
Japan multi copter Safety Association  
C-03 ATAGO SEIKO CO., LTD  
G-16 Autonomous Control Systems Laboratory /  
MINISURVEYOR CONSORTIUM NEXT

- B**  
G-19 BLUE INNOVATION Co., Ltd.

- C**  
D-13 Chubu Aerospace Industrial Technology Center  
G-05 Cybernetech Corporation  
A-09 Cyient K.K.

- D**  
B-08 Defense Structure Improvement Foundation  
H-02 Department of Aerospace Engineering, Tokyo  
Metropolitan University  
H-05 Department of Mechanical Engineering, Faculty  
of science and Engineering, Hosei University  
G-08 DRONE PRESS CO., Ltd

- E**  
B-22 EBA JAPAN CO., LTD.  
G-14 enRoute Co., Ltd.

- F**  
B-11 Federal Express Corporation  
E-01 Fitting KUZE Co., Ltd.  
G-01 Fuji Imvac Inc./Kobayashi Precision Industry Co.,  
Ltd.  
E-15 FUJI SEIKI CO., Ltd  
D-04 FUSO MACHINE WORKS, LTD.  
G-10 Futaba Corporation  
E-16 Future's Craft Co., Ltd

- G**  
G-02 GEOSURF CORPORATION / NIKON-TRIMBLE  
CO., LTD.  
D-03 Gifu Prefecture / Kakamigahara City  
APC AEROSPACE INC.  
Asahi Kinzoku Kogyo Inc.  
College of Naka-nippon Aviation  
KATO MFG.CO.LTD  
Kawasaki Gifu Co-operative Society  
OHORI GRINDING COMPANY  
VR Techno Center Inc.  
WAKAZONO CO., LTD  
F-05 Gunma Industry Support Organization  
housen-seisakusyo Co., Ltd.  
Seiho Co., Ltd.

- Tokyo Sokki Kenkyujo. Co., Ltd.  
Yamagishi-seisakusyo Co., Ltd.

- H**  
B-14 Hakudo Co., Ltd.  
B-09 HUMAN Co., Ltd.  
Nihon Visual Science, Inc.  
E-22 Hyogo Aerospace Business Project  
Hamax Co., Ltd  
Himeji Electric Planting Co., LTD  
HYOGO PRECISION CO.LTD.  
JOYO COMPANY LIMITED  
JUSTEED Inc.  
KISHIRO CO., LTD  
NASADA Co., Ltd  
ONAGA CO.LTD  
PIONEERSEIKO Co., Ltd.  
Ryosan Industry Corporation  
SHIMIZUTECH co., Ltd  
Shinko Inspection & Service Co., Ltd.  
SHIN-NIPPON NONDESTRUCTIVE  
INSPECTION CO., LTD.  
TOCALO Co., Ltd.  
YAMAMOTO METAL TECHNOS CO., LTD  
YAMASHIROKIKO Co., Ltd.  
YOSHIOKA INDUSTRY CO., LTD

- I**  
C-05 I.C.S Corporation  
A-02 IHI Corporation / IHI Inspection &  
Instrumentation Co., Ltd.  
D-16 Ishikawa Sunrise Industries Creation  
Organization  
Asashita Co., Ltd.  
FUKADA HEAT TREATMENT  
Hokuryo co., Ltd.  
KAGASEIKI co., Ltd  
Marusho Co., Ltd.  
MATSUMOTO MACHINE CO., LTD.  
NAGASHIMA SEISAKUJO CO., LTD.  
NISUI CO., LTD  
SANYO-SEIKI CO., LTD.  
TAKABAYASHI

- C-24 ISHIKAWA-GUMI, LTD.  
B-04 IT Access Co., Ltd.  
AdaCore  
E-21 Itabashi Industrial Promotion Public Corporation  
GIKENSEIKI CO., LTD  
KOVAX Corporation  
TOSOMO Co., Ltd.

- J**  
B-12 Japan Aerospace Exploration Agency  
C-14 Japan Airlines Co., Ltd.  
B-05 Japan Business Aviation Association  
G-03 Japan Digital Communications, Ltd. / Hitachi  
High-Tech Solutions Corporation  
G-18 Japan UAS Industrial Development association  
G-17 Japan UAV Association  
D-17 JIC Quality Assurance Ltd.  
**K**  
A-06 KANKO CO., Ltd  
Information & Science Techno-System  
Co., Ltd.  
D-01 Keysight Technologies  
E-08 KIGUCHI TECHNICS, INC.  
D-08 KISCO LTD.  
E-24 Kobe Aero Network  
C-25 KOYO Netsuren Corporation  
E-23 Kumamoto Industry Support Foundation  
FUJI LIGHT METAL CO., LTD.  
C-22 KURABO INDUSTRIES LTD  
B-23 Kurashiki Boring Kiko Co., Ltd.  
C-21 Kyukoukyo Aerospace Network  
FUKUOKA PREFECTURE AIRCRAFT  
INDUSTRY PROMOTION MEETING

- L**  
G-06 LSAS Tec Co., Ltd.  
Analytical Graphics, Inc.

- M**  
B-10 MACHIDA GEAR MANUFACTURING CO., LTD.  
C-11 Makino Milling Machine Co., Ltd.





## Special Program 「Unmanned Aircraft Systems Zone」

20 companies/organizations exhibited latest products such as unmanned aircraft system, related equipment and services, software, etc. In addition, exhibitor demonstrated "drone" at demo-flight area in this zone at the Unmanned Aircraft Systems Zone placed in the exhibition hall.

■Special Assistance from : Japan UAS Industrial Development Association (JUIDA), Japan UAV Association, Mini-Surveyor Consortium, Autonomous Control Systems Laboratory

■Demo-Flight : saitotec



## Special exhibit of Supporting Organization

Government agencies and institutions related to the aerospace industry introduced details of their research and activities.



A-04 Acquisition, Technology & Logistics Agency



B-16 THE SOCIETY OF JAPANESE AEROSPACE COMPANIES (SJAC)



B-12 Japan Aerospace Exploration Agency



## Exhibition of actual machines and mock-ups

Many attendees visited the exhibition of actual machines and mockups on the site.



A-01 Alpha Aviation Co., Ltd.



A-02 IHI Corporation / IHI Inspection & Instrumentation Co., Ltd.



A-03 WZDesign Co., LTD.

H-02 Department of Aerospace Engineering, Tokyo Metropolitan University

## Joint Opening Ceremony and Reception

### Joint Opening Ceremony

Opening ceremony with concurrent shows (Security & Safety Trade Expo (RISCON TOKYO) 2015 and Special Equipment Exhibition & Conference for Anti-Terrorism (SEECAT) '15) was held on the beginning of the show.

**Time** Oct. 14 (Wed.)  
9:30-10:00

**Place** Atrium,  
West Hall,  
Tokyo Big Sight



### Opening Reception

Exhibitors, supporting organizations, institutions and authorities in aerospace industry participated in the opening ceremony on the evening of the first day.

**Time** Oct. 14 (Wed.)  
17:30 - 19:00

**Place** Reception Hall,  
1st Floor of Conference Tower  
of Tokyo Big Sight

Guests

- Mr. Shinji Suzuki Professor, Doctor of Engineering, Department of Aeronautics and Astronautics The University of Tokyo
- Mr. Kazuhiro Nakahashi Vice President, Director General, Aeronautical Technology Directorate
- Mr. Kosuke Imashimizu President, The Society of Japan Aerospace Companies
- Mr. Jean-Pierre Stainnack Senior Vice President, Sales and Marketing Japan, Airbus S.A.S.
- Mr. George Maffeo President, Boeing Japan
- Mr. Yoshihiko Wajima Chief Operating Officer, Aircraft Engine R&D Center, Honda R&D Co., Ltd.
- Mr. Andy SOLEM Vice President, Sales, Asia-Pacific, Bombardier Commercial Aircraft
- Mr. Yugo Fukuhara Vice President & General Manager, Sales & Marketing, Mitsubishi Aircraft Corporation

Organizer

- Mr. Takashi Yamamoto Director of Bureau of Industrial and Labor Affairs, Tokyo Metropolitan Government
- Mr. Yutaka Takehana President, Tokyo Big Sight Inc.





# Business Matching

## Special business meetings

Special business meetings with domestic major companies  
Oct. 16 (Fri.) 10:00~16:45 By prior application only

For only exhibitors, business meetings were implemented with the participation of major companies in aerospace-related industries as buyers.

Many exhibitors applied to this business meetings and discussed with vivacity.

**24 business negotiations 20 participating companies**

KYB Corporation. / Shimadzu Corporation. /  
SUMITOMO PRECISION PRODUCTS Co., Ltd. / TOKYO KEIKI INC.



## A networking event

Networking session with Technology Experts' committee of the Society of Japanese Aerospace Companies  
Oct. 15 (Thu.) 17:30~19:00 By prior application only

A joint networking session was held with SJAC Technology Experts' committee and Tokyo Aerospace Symposium 2015 exhibitors.

About fifty parties participated, actively associating.

- ANA TRADING CO., LTD. / ICF International, Inc. / IHI corporation / Japan Aircraft Development Corporation / Ministry of Economy, Trade and Industry. / Renesas Electronics Corporation. / SUMITOMO PRECISION PRODUCTS Co., Ltd. / The Society of Japanese Aerospace Companies / TOKYO AIRCRAFT INSTRUMENT CO.,LTD./ TOKYO KEIKI INC. / Yokogawa Electric Corporation
- Exhibitors:35companies



## Business meetings with overseas companies

Business meetings with French companies/clusters  
Oct. 15 (Thu.) Section 1 10:00~12:00 Section 2 13:00~17:00

A special business meeting was held, co-hosted by the Embassy of France, inviting French companies/clusters interested in products and technologies in the Japanese aerospace device field.

At section 1, French companies/clusters held presentations and at Section 2, business meetings between exhibitors and French companies/clusters were held.

**60 business negotiations 14 participating French companies/clusters**



## ~Voices from French companies/clusters~

- We have advanced partnership with trading company in chemical field.
- We have started negotiation to become agency in Japan with trading company in aerospace.
- We visited Japanese major company's factory after event.

## CONCURRENT SHOWS

Tokyo Aerospace Symposium 2015, Security & Safety Trade Expo (RISCON TOKYO) 2015 and Special Equipment Exhibition & Conference for Anti-Terrorism (SEECAT) '15 were held at same period.

Since these exhibitions had many related fields, a synergetic effect was seen, such as interchanges among exhibitors, and visitors coming and going to various sites.



**Security & Safety Trade Expo (RISCON TOKYO) 2015**



**Special Equipment Exhibition & Conference for Anti-Terrorism (SEECAT) '15**



# Tokyo Aerospace Symposium 2015

## Conference Program

Sessions on nine themes were implemented in the exhibition hall.  
There were 36 instructors invited and approx. 2,500 audiences at 9 sessions totally.  
The sessions were highly evaluated, and gathered a lot of comments such as "the latest information of the industry, etc., could be easily understood".

**1-1 Oct.14 (Wed) 10:20~11:50**

### The Present and Future of the Civilian Use of Unmanned Aircraft

**Organizer** The University of Tokyo Center for Aviation Innovation  
Research Japan UAS Industrial Development Association

#### The Outlook for Safety Regulations and the Industrialization of Small Drones

Mr. Shinji Suzuki  
Professor, Doctor of Engineering,  
Department of Aeronautics and Astronautics  
The University of Tokyo

#### Usage Examples of Yamaha Unmanned Helicopters

Mr. Osamu Ishioka  
Senior General Manager  
UMS Business Operation  
YAMAHA MOTOR Co.,Ltd

#### Eco-system by using Drone 「Solution & Technology」

Mr. Tomoyuki Izu  
President,  
enRoute Co., Ltd.

**1-2 Oct.14 (Wed) 12:30~14:00**

### The Latest Trends Relating to Air Transport

**Organizer** The University of Tokyo Center for Aviation Innovation Research

**[Introduction]** Doctor of Engineering,  
Department of Aeronautics and Astronautics The University of Tokyo  
Mr. Shinji Suzuki

#### Regional Revitalization through Airport Management Reforms and in Japan

Mr. Kazusei Kato  
Professor,  
Keio Faculty of Business and Commerce

#### Expansion of regional air network utilizing new business model with regional jets

Mr. Keita Sataka  
Managing Director  
Next-Generation Regional Air Network Council

#### The possibility of next-generation jet fuel

Mr. Hiroshi Shibutake  
Project Associate Professor,  
Center for Aviation Innovation Research,  
The University of Tokyo

#### The Present Situation and the Outlook for Business Jets in Japan

Mr. Kazunobu Sato  
Vice Chairman,  
Japan Business Aviation Association

**1-3 Oct.14 (Wed) 14:45~16:50** Simultaneous Interpretation

### Development of the Latest Civilian Aircraft

**[Introduction]** Doctor of Engineering,  
Department of Aeronautics and Astronautics The University of Tokyo  
Mr. Shinji Suzuki



#### Development of HF120 Turbofan Engine

Mr. Yoshitaka Wajima  
Chief Operating Officer,  
Aircraft Engine R&D Center  
Honda R&D Co., Ltd.



#### Boeing Development Programs

Mr. George Maffeo  
President,  
Boeing Japan



#### Next-generation Aircraft A350 XWB Shaping Efficiency

Mr. Jean-Pierre Stainack  
Airbus S.A.S.  
Senior Vice President  
Sales and Marketing Japan



#### C Series Development and Roadmap to Certification

Mr. Andy SOLEM  
Vice President, Sales, Asia-Pacific  
Bombardier Commercial Aircraft



#### Development of the MRJ

Mr. Yugo Fukuhara  
Vice President & General Manager, Sales & Marketing,  
Mitsubishi Aircraft Corporation

**2-1 Oct.15 (Thu) 10:30~12:00**

### Toward the Social Implementation of Satellite Remote Sensing



#### JAPAN's Future Plan on EO Satellite

Mr. Ichiro Naito  
Japan Aerospace Exploration Agency  
Director, Satellite Applications and Operations Center



#### Commercial Applications of EO Satellite Oversea

Mr. Shigeki Kuzuoka  
Satellite Business Network  
President



#### Expectation on Remote Sensing for Infrastructure Monitoring

Mr. Mitsuhiro Murasaki  
Oyo Corporation  
Deputy Division Business Division  
Manager, Social System



#### System Design with Geo-location and Remote Sensing Technologies

Mr. Naohiko Kohtake  
Keio University  
Associate Professor, Graduate School of  
System Design and Management



#### Solution Services Using Remote Sensing Technologies

Mr. Akira Mukaida  
Remote Sensing Technology Center of Japan  
General Manager, Solution Service Department

**2-2 Oct.15 (Thu) 12:45~14:15** Simultaneous Interpretation

### MRO and PMA Business Trend Update



#### PMA business trend in MRO market update, and JCAB-PMA

Mr. Akira KATO  
Tokyo Metropolitan Government Aviation Industry  
Participation Support Project Adviser (President of  
JK Tech Consulting Inc.)



#### PMA Advantages: From Approved Parts to Bilateral Agreements

Mr. Ryan Aggergaard  
Attorney,  
Washington Aviation Group



#### Strategies for Partnership: How to Partner with a US Company in Order to take Advantage of US Legal Relationships

Mr. Jason Dickstein  
President, Modification and Replacement  
Parts Association

#### <Panel Discussion>

All speakers

**2-3 Oct.15 (Thu) 14:45~16:45**

### JAXA Aeronautics Symposium 2015 Bringing innovation in aviation safety technology

**Organizer** Japan Aerospace Exploration Agency (JAXA)



#### "JAXA Aeronautical Technology Directorate: Introduction and the latest achievements"

Mr. Kazuhiro Nakahashi  
Vice President  
Director General, Aeronautical  
Technology Directorate



#### "DREAMS project : Safer and efficient air traffic management system for the next era"

Mr. Yasuhiro Koshioka  
Director,  
Technology Demonstration Research Unit  
Aeronautical Technology Directorate



#### "Weather information technology to enable safer and more efficient take-offs and landings"

Mr. Naoki Matayoshi  
Leader, Weather Information Technology Section  
Technology Demonstration Research Unit  
Aeronautical Technology Directorate



#### "Technology to enable smooth coordination of aircraft operation and information sharing in disaster situation"

Mr. Keiji Kobayashi  
Leader, Disaster Prevention and Small Aircraft Operation Technology Section  
Technology Demonstration Research Unit  
Aeronautical Technology Directorate



#### "Introduction to the Next Generation Aeronautical Innovation Hub Center and its activity on aviation safety"

Mr. Fumikazu Ito  
Director, Next Generation Aeronautical Innovation Hub Center  
Aeronautical Technology Directorate



#### Moderator

Mr. Kazuo Terakado  
science journalist

## From the Attendees Questionnaire

- It was very useful because I could catch up about developmental status of many exhibitors.
- So there were a number of sessions that I was interesting.
- All contents were intelligible and fascinating.

**3-1 Oct.16 (Fri) 10:30~11:50**

### Japan's Aerospace Industry / Introduction of JA2016 (Japan International Aerospace Exhibition 2016)



**OVERVIEW OF JAPANESE AIRCRAFT INDUSTRIES**  
Mr. Kazuhiro Ito  
General Manager, Engineering Division  
The Society of Japanese Aerospace Companies



**OVERVIEW OF JAPANESE SPACE INDUSTRIES**  
Mr. Masaru Uji  
General Manager,  
Engineering Division (SPACE) The Society of  
Japanese Aerospace Companies



**JAPAN INTERNATIONAL AEROSPACE EXHIBITION 2016**  
Mr. Kazuyuki Yamakita  
Senior Vice President  
The Society of Japanese Aerospace Companies

**3-2 Oct.16 (Fri) 12:45~14:15**

### The Outlook for the Domestic Aircraft Industry Business

**[Introduction]** Doctor of Engineering,  
Department of Aeronautics and Astronautics The University of Tokyo  
Mr. Shinji Suzuki



**The Aircraft Industry and MRO**  
Mr. Kenta Iida  
Director, Aerospace and Defense Industry Division  
Manufacturing Industries Bureau  
Ministry of Economy, Trade and Industry



**Airlines and the Aircraft Industry**  
Mr. Keiichi Yamada  
Chief Researcher,  
ANA Strategic Research Institute Co., Ltd.



**The Outlook for MRO in the Context of Aircraft Manufacturers**  
Mr. Kazuhiko Ito  
Director, Strategic Planning Department  
Commercial Aviation & Transportation Systems  
Mitsubishi Heavy Industries Ltd.



**The Outlook for MRO in the Context of Equipment Manufacturers**  
Mr. Norio Takahashi  
CHIEF ENGINEER, HEAD OF RESEARCH & TECHNOLOGY - AEROSPACE, SUMITOMO PRECISION PRODUCTS CO.,LTD.

**3-3 Oct.16 (Fri) 15:00~16:30**

### New Trends in Composite Material Research The Case of Automobiles



**[Introduction]**  
Mr. Takahira Aoki  
Professor, Doctor of Engineering, Department of Aeronautics and Astronautics  
The University of Tokyo President,  
The Japan Society for Aeronautical and Space Sciences



**Overview of Composites Application to Aircraft and Introduction of Cutting Edge Research Topics**  
Mr. Takashi Ishikawa  
Designated Professor,  
National Composites Center Japan,  
Nagoya University



**Study of lightweight structure using composite materials in automotive field**  
Mr. Yuta Urushiyama  
Chief Engineer, Automobile R&D Center  
Department 3, Advanced Research  
Division Honda R&D Co.,Ltd.

**<Overall Discussion>**

All speakers

## Exhibitor Presentation

Exhibitor gave presentation at the presentation corner in the exhibition hall.

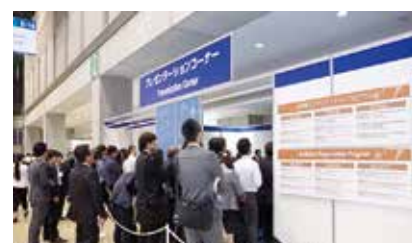
Oct.14 (Wed)	11:00~12:00	SAITOTEC
	Assembly to flight demonstration	
	13:00~14:00	Makino Milling Machine Co.,Ltd.
Oct.15 (Thu)	MC and strategy for aerospace parts	
	15:00~16:00	amuse oneself Inc.
	Utilizing drones in disasters - the forefront of technology	
Oct.16 (Fri)	11:00~12:00	Oerlikon Nihon Balzers Coating Co., Ltd.
	Advanced PVD coatings for hard machining	
	13:00~14:00	Mitsubishi Heavy Industries Aero Engines, Ltd.
Oct.16 (Fri)	Technology Trend and Business Status of Commercial Aero Engines	
	15:00~16:00	TOCALO Co.,Ltd.
	Thermal spray coating technology and its applications	
Oct.16 (Fri)	11:00~12:00	Aerospace Industry Market Development Support Project Executive Committee
	"From Aichi, Gifu and Mie prefectures, the cradles of the aerospace industry, to the skies of the world"	
	13:00~14:00	Aerospace Industry Market Development Support Project Executive Committee
Oct.16 (Fri)	"From Aichi, Gifu and Mie prefectures, the cradles of the aerospace industry, to the skies of the world"	
	15:00~16:00	japan multi copter Safety Association
	Legislation and educational system sought for safe drone utilization	

## Exhibitor Forum

NIIGATA SKY PROJECT held exhibitors forum

### NIIGATA SKY PROJECT

- Period: Oct. 16 (Fri.) 16:00~17:00
- Venue: Conference Room 102, Conference Tower, Tokyo Big Sight
- Lecture: Expectations to Niigata as a New Center of Aircraft Component Industry  
Mr. Kimio Sakata  
President, SKY Aerospace Institute  
About approach of "NIIGATA SKY PROJECT"  
Mr. Akira Shinoda  
Mayor of Niigata City

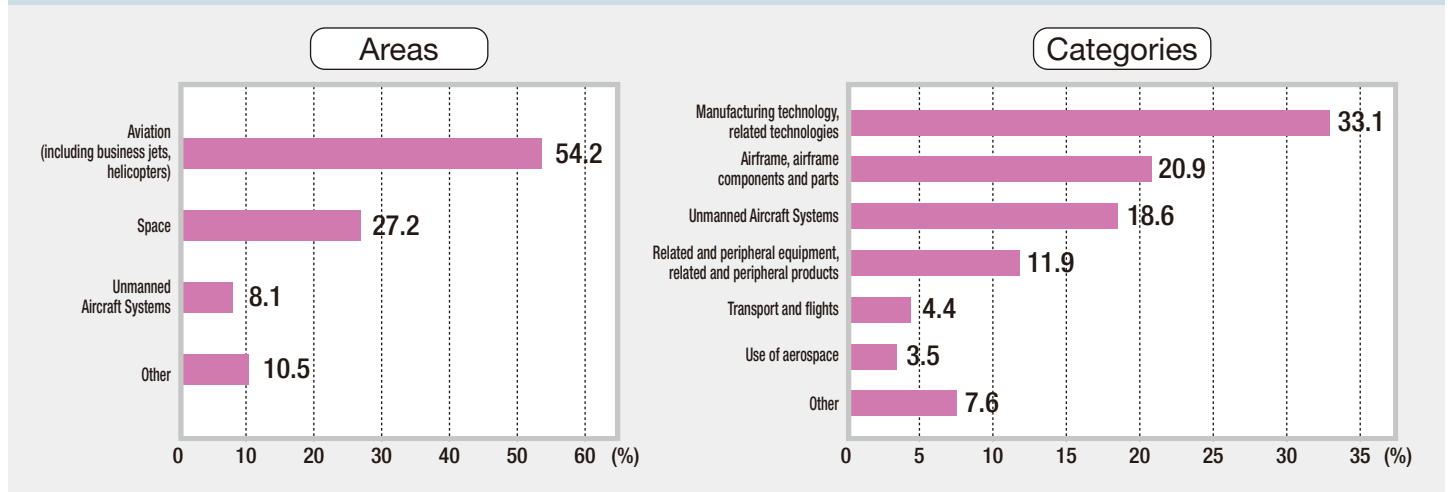




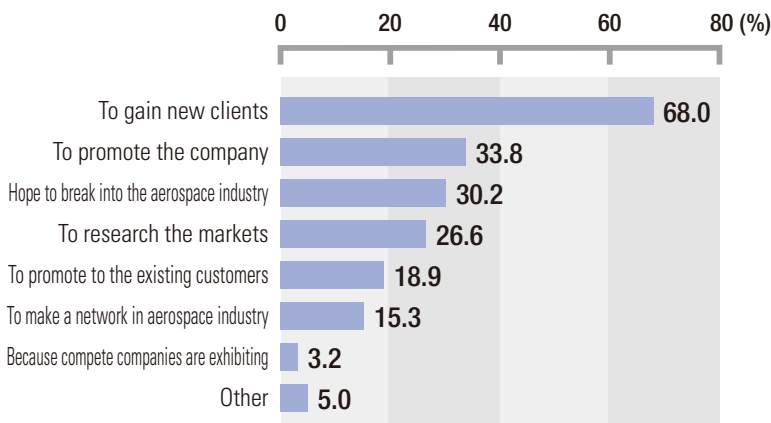
## Results of the exhibitor questionnaire

Regarding achievement of purpose of the exhibit, more than 90% of the exhibitors responded, "achieved" or "partially achieved," and regarding business negotiation details, a large number of exhibitors responded "satisfactory". There were also many responses expressing appreciation for the opportunity to exchange ideas between exhibitors and visitors from related industries by mutual admission to the exhibits which were held at the same time.

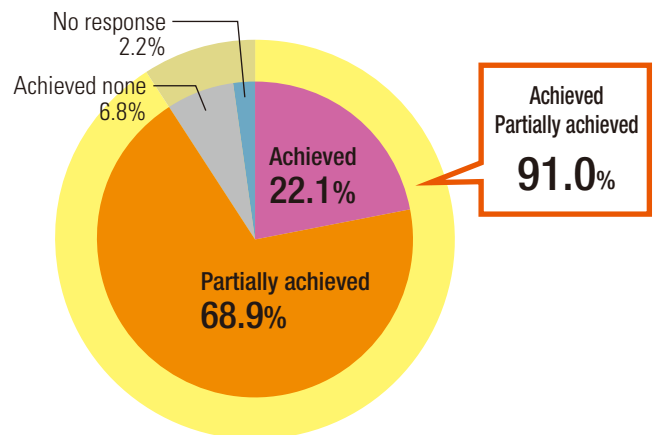
### Exhibitor Fields • Composition ratio by category



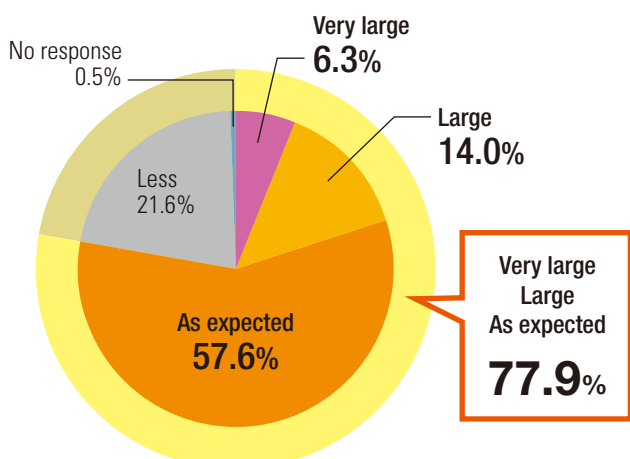
#### Q1 Purpose of exhibit (Multiple answers possible)



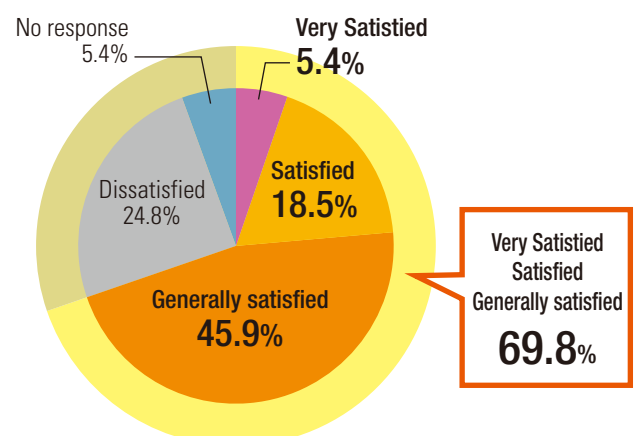
#### Q2 How did you achieve the objective of your exhibit?



#### Q3 What did you think about the number of visitors?



#### Q4 How did you feel the number of visitors related to the Aerospace Industries.



## Free responses

- I got a lot of latest information of many companies in Japanese aerospace industry.
- There were many visitors in the business of aerospace and I could get a lot of opportunities to communicate with key person more than I expected.
- It was effective opportunity to discuss with the person who have definite purpose.
- I could hear valuable comments from visitors in order to come to market with aerospace industry.
- A large number of target visitors have come to our booth effectively because of floor layout grouped by category.
- It became valuable opportunity for corporate public relations because there were so many visitors in aerospace industry.





## Public Relations

### Promotion activity for visitor attendance

Direct mailing and distribution of mail magazines were sent to companies/associations related with the aerospace industry and registered visitors of other exhibitions hosted by Tokyo Big Sight Inc.

In addition, we requested the cooperation of support organizations, industry organizations, and related organizations holding exhibitions at the same time.

PR booths were also exhibited at the Taipei International Aerospace Defense Technology Exhibition (TADTE) 2015 (Taiwan) hosted by the Taiwan Trade Center which was based on MOU with Tokyo Big Sight Inc.

### Advertisement inserts, publicity, and invitations

Advertisements were inserted in aerospace-related business journals, news paper and magazines, commonly read by many business people. Many Internet advertisements such as listening advertisements, banner advertisements digital Signage etc. were also implemented. In the press release, a description of the exhibitions, exhibitors and product information was sent out to encourage the media to write articles on the event.

120,000 invitations to be distributed by business clients of the exhibitors and by various related associations including support and cooperative organizations were sent out.

### Newspaper

### Invitation



日本語版



英語版

### Magazine etc.



**航空宇宙産業の“今”がわかる専門展示会**  
**東京エアロスペースシンポジウム2015**  
 Tokyo Aerospace Symposium 2015

**事前来場登録受付中! (事前登録者は入場無料)**

2015年10月14日(金)~10月16日(日)

会場: 東京ビッグサイト 西展示棟 西4ホール  
 (主催) 東京エアロスペースシンポジウム実行委員会  
 (協賛) 航空宇宙産業振興会 (JASCON TOKYO) 2015, 「アジア航空防衛技術展」 (SECAT7/15), 「アジア宇宙産業展」 (ASACON TOKYO) 2015, 「アジア航空宇宙産業展」 (ASACON TOKYO) 2015

航空宇宙産業に関わる263社・団体が出展

後援団体からの特別出展

多様なテーマの9プログラムを展示会場内の「シンポジウムステージ」で実施

「無人航空機ゾーン」

無人航空機に関する最新技術・製品・サービスを一挙に紹介するゾーン。最新の無人航空機・ドローン・UAVの展示・デモンストレーションが行われる。

株式会社東京ビッグサイト 東京エアロスペースシンポジウム事務局  
 Tel: 03-6330-1324 Fax: 03-6330-1222 E-mail: aerospace-sympo@tokyo-bigsight.co.jp  
 URL: http://www.tokyospace-sympo.com

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 Tel: 03-6330-1324 Fax: 03-6330-1222 E-mail: aerospace-sympo@tokyo-bigsight.co.jp  
 URL: http://www.tokyospace-sympo.com



## Press Center

### Major Attending Media Companies

AKITA SAKIGAKE SHIMPO / Asagumo Shimbunsha Inc. / Bloomberg L.P. / Gifu Newspaper / IKAROS PUBLICATIONS LTD. / Japan Broadcasting Corporation / Jiji Press, Ltd. / Kaiji Press Co., Ltd. / Kyodo News. / Mainichi Shimbun Publishing Inc. / Mynavi Corporation / NIHON BUTSURYU SHINBUN CO.,LTD. / NIKKAN KOGYO SHIMBUN,LTD. / Nikkei Business Publications, Inc. / Nikkei Inc. / Nippon Cultural Broadcasting Inc. / Sangyo press co., Ltd. / The Asahi Shimbun Company / The Niigata Television Network 21,Inc. / The San-in Chuo Shimpō / THE YOMIURI SHIMBUN / Tokyo metropolitan television / TOYO KEIZAI INC. / WING Aviation Press Co.,LTD,

## Web



## Digital Signage



## Media List

### TV

Television	Date
NAMA+TOKU,SUPER J NIIGATA (The Niigata Television Network 21,Inc.)	Oct. 16

### Newspaper

Newspaper	Date	Newspaper	Date
NIKKAN KOGYO SHIMBUN	Oct. 14	Gifu Newspaper	Oct. 17
AKITA SAKIGAKE SHIMPO	Oct. 15	Gifu Newspaper	Oct. 19
NIKKAN KOKU	Oct. 15	Daily CARGO	Oct. 19
THE JAPAN MARITIME DAILY	Oct. 16	THE JAPAN MARITIME DAILY	Oct. 20

### Magazine

Magazine	Date	Magazine	Date
AIRVIEW	Aug. 21	AIRVIEW	Sep. 21

### WEB

Web	Date	Web	Date	Web	Date
PRTIMES	Oct. 7	@nifty Business	Oct. 7	goo business EX	Oct. 7
MarkeZine	Oct. 7	JBpress	Oct. 7	Bizloop Serch	Oct. 7
Cube News	Oct. 7	Zaikei Shimbun	Oct. 7	JIJI.com	Oct. 7
YOMIURI ONLINE	Oct. 7	TOYO KEIZAI ONLINE	Oct. 7	livedoor NEWS	Oct. 7
Sankei News	Oct. 7	DIAMOND ONLINE	Oct. 7	Infoseek News	Oct. 7
Jorudan News	Oct. 7	Sankei Kansai	Oct. 7	excite News	Oct. 7
Gendai Business	Oct. 7	Iza!	Oct. 7	BIGLOBE NEWS	Oct. 7
OKGuide	Oct. 7	Asahi Shimbun Digital	Oct. 7	EVENT MARKETING	Oct. 13
STRAIGHT PRESS	Oct. 7	RBBTODAY	Oct. 7	LOGISTICS TODAY	Oct. 14
@DIME	Oct. 7	MarkeZine	Oct. 7	SAKIGAKE On The Web	Oct. 15
FreshEye	Oct. 7	toremaga	Oct. 7	MATERIAL FLOW PLUS	Oct. 15
Mapion News	Oct. 7	SEOTOOLS	Oct. 7	HUFF POST SOCIETY	Oct. 16

# Tokyo Aerospace Symposium 2015

## Contact

Tokyo Big Sight Inc.

**Tokyo Aerospace Symposium 2015 Management office**

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