



# Aerospace Company Overview

**Fuji Heavy Industries Ltd.**





# Corporate Overview

subaru-global.com

## Subaru Automotive Business

- LEGACY
- IMPREZA
- EXIGA
- OUTBACK
- FORESTER
- BRZ

SUBARU XV HYBRID



LEGACY



OUTBACK



EXIGA



IMPREZA



FORESTER



SUBARU BRZ



## Industrial Products Company



# SUBARU

## Aerospace Company

- Airplanes
- Helicopters
- Unmanned Air Vehicles
- Simulators



# SUBARU



# Domestic Network

## The World Heritage: Nikko



Toushougu Shrine



Kegon Fall



**Aerospace Company**

**Utsumomiya Plant**



**Corporate Head Office Tokyo**

**Aerospace Company**

**Handa Plant**

(777 & 787 Center Wing assembly)







# History of FHI ~ Nakajima Aircraft

- Established in 1917
- Employment: approx. 250,000 (@ 1945)
- Airplanes Produced: over 20,000
- Engines Produced: 47,000



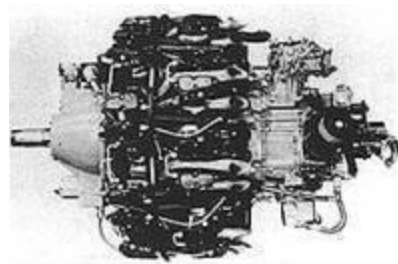
Carrier aircraft "90"



Fighter "Hayabusa"



Bomber "Donryu"



Engine "Homare Type 21"

▪ FHI established in 1953



"T-1", first jet trainer in Japan after the WWII





# Major Customers





# Net Sales in FY 2013

**INDUSTRIAL Company**

\$298M (1.2%)

**Others**

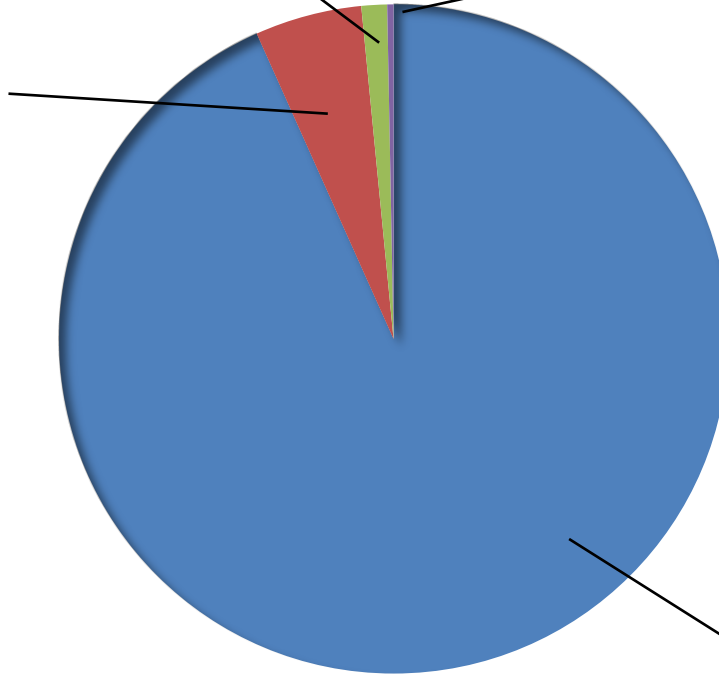
\$73M (0.3%)

**AEROSPACE**

\$1,244M (5.2%)

14% Increase ↑

\$1,087M  
(FY 2012)



**SUBARU Automotive**  
\$22,466M (93.3%)

**ANNUAL SALES (Consolidated)**

**\$24,081M (at 100¥/\$)**

Fiscal year ended : March 31 2014







# Commercial Programs

## Large Transport - Boeing



### Boeing 737NG

- Elevators



### Boeing 747

- Aileron
- Spoilers



### Boeing 757

- Outboard Flaps

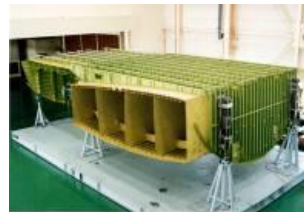


### Boeing 767

- W/B Fairings
- MLG Doors

### Boeing 777

- Center Wing
- W/B Fairings
- MLG Doors



Wing Center Section



### Boeing 787

- Wing Center Section & Sec. 11/45 Integration.



### Boeing 777X

- Wing Center Section & Sec. 11/45 Integration.
- W/B Fairings
- MLG Doors



Supplier of the Year 2002  
"Major Structure"



Supplier of the Year 2011  
"Pathfinder"

FHI Proprietary





# Commercial Programs

## Large Transport - Airbus



### A380

- L/E, T/E, Tip, Fairings of V/Stab

## Business Aircraft

### HBC Hawker 4000



- W/P : Wing  
(Development and manufacture)  
• First flight : August, 2001

### FA - 300



- Joint Development with Rockwell  
• FHI received Type Certificate

## Light Aircraft

### FA - 200



- First domestic light aircraft since WW II  
Having acrobatic capability





# Defense Programs (Prime Contracts)

subaru-global.com

## Attack helicopters

**AH-1S**



**AH-64D**



## Utility helicopters

**UH-1B/1H**



**UH-1J**



# Defense Programs (Prime Contracts)

subaru-global.com

## Jet Aircraft

T-1



- The first domestic jet trainer since WW II.
- First flight : January, 1958

U-125/  
U-125A



- Flight Checker / Air Rescue

## Turbo Prop Aircraft

T-7



- Primary trainer for Air Self Defense Force.  
(successor of primary trainer T-3)

T-5



- Primary trainer for Maritime Self Defense Force.



# Defense Programs (Sub-contracts)

## Fighters

**F-2 (MHI)**



**W/P : Nose Radom, FEB, Air Inlet,  
Wing Upper Panel, Flapelon  
Wing to Body Fairing,  
V/STAB, H/STAB**

**F-1 (MHI)**



**W/P : Wing, V/STAB, H/STAB  
Aft Fuselage**

## Large Aircraft

**P-1 (KHI)**



**W/P : Wing & V/STAB**

**C-2 (KHI)**



**W/P : Wing & V/STAB**

**P-3C (KHI)**



**W/P : Wing**

**C-1 (KHI)**



**W/P : Wing**





# Unmanned Aerial Vehicles

## Defense Programs (Prime Contracts)

### Helicopter UAV



### Target Objects

#### J/AQM1



#### Fire Bee



## Experimental Devices (JAXA Programs)

### High Speed Flight Demonstrator (HSFD)



Drop test for Simplified Evaluation of Non-symmetrically Distributed sonic boom (D-SEND)



**Thank you !**