



FHI to Exhibit at the Farnborough International Airshow

Tokyo, July 11, 2014 - Fuji Heavy Industries Ltd. (FHI), the manufacturer of Subaru automobiles, today announced that the company, as a member of the Society of Japanese Aerospace Companies (SJAC), will participate in the Farnborough International Airshow to be held in the U.K. from July 14 through 20.

< Exhibition Outline >

◆ **1/10 scale see-through model of the Boeing 787 “center wing section”**

The Boeing 787 uses carbon fiber reinforced plastic (CFRP) in 50% of its airframe. FHI is responsible for the design and manufacture of the center wing box, a vital section of the airplane connecting the wings to the fuselage primarily made of CFRP and titanium alloys. The see-through scale model reveals the location and structure of the center wing section showcasing FHI's highly-advanced design and manufacturing technologies.

◆ **Scale model of JAXA “D-SEND#2” project experimental airplane**

“D-SEND#2” is a project conducted by Japan Aerospace Exploration Agency (JAXA) to fly an experimental supersonic airplane based on JAXA's low sonic boom design technology and measure reduced sonic boom effects. FHI is responsible for the design and manufacture of the experimental airplane and ground systems. A 1/50 scale model of the experimental airplane model, which is scheduled to be tested in Sweden, will be showcased.

◆ **CFRP optimized drill**

As adopted in the Boeing 787 and next-generation 777X, use of CFRP in airframes is expected to continue to grow. FHI's optimized drill that is 5 times faster in drilling speed and 15 times more durable than traditional one will be showcased along with sample drilled panels.

◆ **Panel exhibition**

With panel displays, FHI presents its engineering excellence as well as mass-production and manufacturing efficiency expertise cultivated in the company's car manufacturing. The panel display also outlines the history of FHI's participation in Boeing projects, featuring structural components that FHI has produced for the Boeing jets from the 767 to 777 and 787 - the history that has led to the recent announcement of FHI's participation in the Boeing 777X project for the design and manufacture of the center wing section. FHI's original technology of unmanned aircraft systems will also be featured at the booth.