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## PRESS RELEASE

### Legacy 500 Sales Mock-up built by LIST

After freezing the interior design of the new mid-size Legacy 500 jet, the Brazilian aircraft manufacturer Embraer commissioned Austrian interior outfitter LIST components & furniture GmbH to produce an aircraft Sales Mock-up. The 1:1 scale model, produced by LIST with a combination of actual and non-aircraft parts, will be presented at EBACE 2011 in Geneva and includes the latest design improvements within the cabin.

Edlitz: Having received the commission in December of the previous year, LIST developed and produced a true-to-life model of a complete Legacy 500 fuselage, including the installation of the interior, as well as the cockpit, in a record time of only four months. The Legacy 500 Mock-up was designed to allow the cockpit to be shown separated from the main cabin and will be used by Embraer for sales promotion at airshows around the globe.

The commission required the Mock-up to be divided in three sections – cockpit, main cabin and aft fuselage baggage compartment – and included, in essence, the following services:

- CATIA design adaptations of DMU (Digital Mock-up) data
- Fabrication of wood airframe ribs, stringers and intercostals
- Integration of cockpit windows and exterior windows in main cabin & lavatory area
- Exterior surface planking
- Exterior painting & polishing based on Embraer Brand painting scheme
- Wiring integration
- Air-conditioning integration
- Main cabin integration based on production parts, including lining, cabinets (built in-house), power outlets, lighting, thermal seats, Cabin Management System equipment, galley inserts, window shades, flooring, lavatory area & baggage compartment
- Final systems integration
- Touch-up

Embraer was delighted by the dedication and flexibility of LIST throughout the project. “LIST successfully built and integrated parts coming from many suppliers, bringing to life the latest and greatest improvements made by Embraer in the Legacy 500 interior design during the past two years of development. This brand new Mock-up will allow Customers to fully experience the Legacy 500 unique design and features, such as flat floor, stand-up cabin, wet galley, plush seats and a state-of-the-art in-flight entertainment”, Claudio Galdo Camelier, Embraer Vice President, Market Intelligence – Executive Jets.



“We are very proud to have been awarded for the construction and integration of the Legacy 500 Sales Mock-up, as it demonstrates our commitment of being a reliable system supplier with a comprehensive range of services”, Helmut Wiesenberger, Director Business Development of LIST components & furniture.

LIST’s range of activities continuously expands and is concentrated on the development, definition & production of integrated cabinets for executive and VVIP aircraft on the one hand and cabin refurbishments & retrofits on the other. Furthermore, LIST components & furniture has built up a separate line of business in the field of innovative materials and trendsetting technologies such as flexible stone, stone flooring or real metal finishes, mentioning just a few.

#### **About Legacy 450 and Legacy 500**

Based on concepts presented in 2007 and formally launched in 2008, the Legacy 450 and Legacy 500 set new paradigms in their categories. These aircraft will have the largest and quietest cabin in their classes. A flat-floor stand-up (6-foot) cabin, excellent pressurization, and vacuum lavatories are other highlights of the Legacy 450 and Legacy 500, complementing their superior performance and low operating costs. The jets will be the only ones in their segments equipped with cutting-edge fly-by-wire electronic flight controls.

The Legacy 450 is designed to carry up to nine passengers. Its range will be 2,300 nautical miles (4,260 km) with four passengers plus NBAA IFR reserves, meaning the jet will be able to fly non-stop from London (U.K.) to Moscow (Russia); or from Delhi (India) to Dubai (United Arab Emirates)

The Legacy 500 will carry up to twelve passengers. It is designed for a range of 3,000 nautical miles (5,560 km) with four passengers plus NBAA IFR fuel reserves. These characteristics will allow customers to fly non-stop from New York to Los Angeles, in the U.S.; or from Moscow (Russia) to Mumbai (India).

**Embraer S.A.** (NYSE: ERJ; BM&FBOVSPA: EMBR3) is the world’s largest manufacturer of commercial jets up to 120 seats, and one of Brazil’s leading exporters. Embraer’s headquarters are located in São José dos Campos, São Paulo, and it has offices, industrial operations and customer service facilities in Brazil, China, France, Portugal, Singapore, and the United States. Founded in 1969, the Company designs, develops, manufactures and sells aircraft for the commercial aviation, executive aviation, and defense segments. It also provides after sales support and services to customers worldwide. On December 31, 2010, Embraer had a workforce of 17,149 employees - not counting the employees of its partially owned subsidiaries - and its firm order backlog totaled US\$ 15.6 billion.

**LIST components & furniture GmbH** is an Austrian company specializing in the product development, product definition and production of cabinets and high-end cabin interior components for executive aircraft and private yachts.



For more Information please visit [www.list.at](http://www.list.at)

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