



EMBRAER DELIVERS FIVE SUPER TUCANO AIRCRAFT TO COLOMBIA

Event marks the first export of the multi-purpose military aircraft

São José dos Campos, December 7, 2006 – Embraer announces the delivery of the first five Super Tucano aircraft to the Colombian Air Force (FAC) in a ceremony held at Embraer's Gavião Peixoto Unit in the State of São Paulo, Brazil. The event was attended by the Colombian Air Force official representative, Major General Ricardo Rubianogrott; the Ambassador of Colombia in Brazil, Mario Galofre Cano; Embraer's Chairman, President and CEO Maurício Botelho and Executive Vice-President for the Defense and Government Market Luiz Carlos Aguiar, among others.

The Colombian Air Force announced an order for 25 Super Tucano light attack aircraft in December 2005, marking the first export deal for this model. They will be deployed on internal security missions and border patrol. A comprehensive logistics training package with a full flight simulator is included.

"The Super Tucano is already in operation and is doing very well in the Amazon region," said Luiz Carlos Aguiar, Embraer Executive Vice-President for Defense and Government Market. *"We strongly believe that it will also be very helpful to the Colombian Air Force by enhancing its operational capabilities in that region."*

"After an extensive evaluation, the Colombian Air Force selected the Super Tucano as the most effective option for the important mission of internal security," said Major General Ricardo Rubianogrott, Colombian Air Force official representative.



Colombian Air Force Super Tucano aircraft

About the Super Tucano

Embraer's Super Tucano is an evolution of the world-known basic trainer Tucano, of which 650 are in operation with approximately 17 air forces worldwide, including Brazil, Colombia, France, Egypt, Kuwait, and the United Kingdom.

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The Super Tucano is a multi-purpose military aircraft – trainer, light attack, and weapons familiarization – available in either single or two-seat versions, and is the perfect combination of the turboprop power with fourth-generation avionics and armament system, making it the next-generation aircraft suitable for air forces around the world to increase their training and operational capabilities.

Its innovations include leading edge in-flight virtual simulation technology for training purposes, a feature that allows student pilots to increase their mission effectiveness, information management and situational awareness skills, coping with the new operational scenarios ahead. The complete customized virtual radar training can be managed through an embedded data-link system that also handles virtual RWR (Radar Warning Receiver), ACMI (Air Combat Maneuver Instrumentation), virtual BVR (Beyond Visual Range) missiles, among other simulation features. The Super Tucano is exceptionally suited for the Information Warfare environment.

Tailored to operate in the most hostile environment – high temperatures, moisture, and dust – it is also performing operational missions as part of the latest and most sophisticated surveillance system in the world, the Amazon Surveillance Program (SIVAM). The aircraft is flying day/night border surveillance missions, pursuing and intercepting aerial targets engaged in illegal activities. It is capable of receiving and transmitting data through its state-of-the-art data-link systems. Sensor images, including target data, are readily received or relayed to Command and Control Stations, both on the ground or airborne, and to other combat aircraft in the operational theater.

The Super Tucano provides a fourth-generation Human-Machine Interface (HMI) designed to minimize pilot workload through the optimization of all tasks (tracking, interception, surveillance, support, etc.). An outstanding avionics suite that includes HUD (Head-Up Display) with UFCP (Up Front Control Panel), liquid-crystal Active Matrixes Colored Multi-Function Displays (CMFD), Automatic Pilot with embedded mission planning capability, and Forward Looking Infrared (FLIR), among others, give the Super Tucano technical capabilities far ahead of its competition. Its NVG Gen III fully-compatible cockpit, as well as the superb ergonomic design, ensures the perfect integration of the modern environment in which the future fighter pilots will fly.

In addition to its jet-like performance provided by a 1,600 SHP, FADEC-controlled PWC PT6A-68C Pratt & Whitney turboprop engine, the Super Tucano features such innovations as in-flight virtual simulation for armaments and sensors, an environmental

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control system designed to assure crew comfort; and an On-Board Oxygen Generating System (OBOGS). Whatever the application, zero-zero Martin-Baker MK-10LCX ejection seats featuring a three-mode ejection sequential device have also been incorporated. Cockpit armoring was introduced to ensure crew safety during operational missions.

Embraer spared no efforts to provide the Super Tucano with an armament system that reflects state-of-the-art technology: 1,500 kg (3,307 lb) of external loads distributed among five underwing and fuselage hard points (without jeopardizing its outstanding performance) provides the capability of carrying a wide array of typical fighter weapons – either smart or conventional.

Embraer Image Gallery

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Note to Editors

Embraer (Empresa Brasileira de Aeronáutica S.A. - NYSE: ERJ; Bovespa: EMBR3) is the world's leading manufacturer of Commercial jets up to 110 seats with 37 years of experience in designing, developing, manufacturing, selling and providing after sales support to aircraft for the Commercial Aviation, Executive Aviation, and Defense and Government segments. With headquarters in São José dos Campos, State of São Paulo, the Company has offices and customer service bases in the United States, France, Portugal, China and Singapore. Embraer is among Brazil's leading exporting companies. As of September 30, 2006, Embraer had a total workforce of 18,336 people, and its firm order backlog totaled US\$ 13.3 billion.

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