

Biography: COLUS, L. H. M.

Luís Henrique Médiçi Colus is a Brazilian Aeronautical Engineer, graduated by the USP (University of São Paulo), Brazil, in 1985. Its Master Degree in Aeronautical Engineering (Thesis in Aeroelasticity Phenomena) was obtained in ITA (Instituto Tecnológico Aeronáutico), Brazil, in 1993.

From 1987 to 1999, Luís Colus had an actuation as a member of the airframe group in the Brazilian Aircraft Certification Office (CTA). Since 2000 has a PCP (similar to FAA/DER) with CTA/Anac for Structures and interiors areas.

From 1999 to 2008, Luís Colus worked for Akaer Engenharia as the Engineer Coordinator including Structures, Damage Tolerance, SRM, and Certification activities.

Since 2008 to now, Luís Colus is the Company founder and executive director of L.H. COLUS TECNOLOGIA LTDA., an Engineering and design office, specialized in structural area, with wide experience in developing and conducting several approval processes in Brazilian certification authority (Anac).

Luís Colus is being ahead of LHColus Tecnologia, which is a company for structural design and engineering working simultaneously to create feasible solutions with lower costs, following weight restrictions, and maximizing performance of the final product.

LHColus Tecnologia was contracted by Embraer in 2012 for the workpackage “Troop Seats and Litters” (TSL), of Aircraft KC-390, in order to provide engineering services for the development and qualification of these items, including the manufacturing for series aircraft and aftermarket support. As a consequence of this initial program, other systems have been contracted later, such as the bunk bed (only development) and the cargo barrier – buffer stop (development and supplying for the series).