

Pennant

Generic Flying Controls Trainer (GenFly)

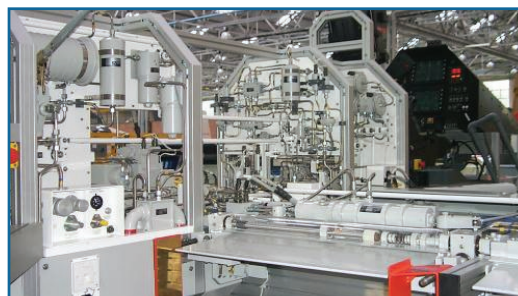
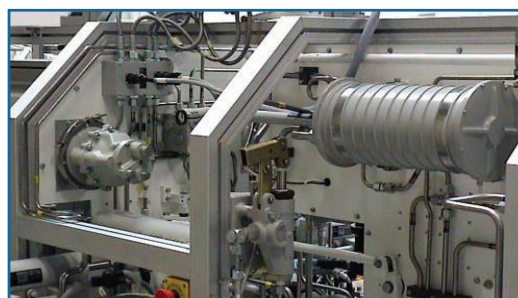
With fewer aircraft being made available for teaching purposes, a potential training gap is emerging when it comes to the practical, hands on elements of technical training.

GenFly is a unique flying controls training system that provides a safe and effective environment to train mechanics and technicians. It comprises a facsimile airframe, consisting of a robust open frame aircraft structure, a representative cockpit fitted with controls and indicators. The layout is similar to a generic modern fast-jet aircraft.

GenFly supports a complete range of hands-on maintenance activities for aircraft hydraulics, flying controls, landing gear and services. The open sides allow access and viewing of the primary and secondary flying control systems, landing gear systems and auxiliary systems, including nose-wheel steering and wheel braking.

Hydraulics control surfaces and landing gear systems are activated by electro-mechanical devices under the control of emulation software. Each connection of the hydraulic and electrical system is monitored allowing the system to emulate the effect of a correct or incorrect connection / disconnection and to enable the Instructor to fully monitor a student's progress.

The Generic Flying Controls Trainer is currently in service with the UK military.



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