

mance with respect to the requirements. The handling qualities for airline typical operations were rated as Level 1.

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**11 References**

[1] H. Seidel:  
Cockpit and Avionics for a Small Jet Transport Aircraft  
ERA Technology Ltd. Avionics Conference, London, December 1992

[2] D. Hanke, H.-H. Lange:  
Flight Evaluation of the ATTAS Digital Fly-by-Wire/Light Flight Control System  
Vortrag ICAS-88-3.6.1  
Jerusalem, Aug./Sept. 1988

[3] D. Hanke, J.-M. Bauschat, H.-H. Lange, H. Heutger:  
In-Flight-Simulator ATTAS-System Design and Capabilities  
DGLR Symposium "In-Flight Simulation for the 90's"  
DGLR Conference Proceedings 91-05  
Braunschweig, July 1990

[4] R. Luckner, T. Heintsch  
Development of Manual Flight Control Functions for a Small Transport Aircraft  
Vortrag ICAS-94-7.6.1,  
Anaheim, Sept. 1994

[5] J.-M. Bauschat, H.-H. Lange  
ATTAS and its Contributions to System Design and In-Flight Simulation  
International Conference Aircraft Flight Safety, Conference Proceedings, pp. 403-413, 1993

[6] J.J. Buchholz, J.-M. Bauschat, K.-U. Hahn, H.J. Pausder  
ATTAS & ATTHES In-Flight Simulators  
Flight Vehicle Integration Panel Symposium, AGARD CP 577,  
Braunschweig, May 1995

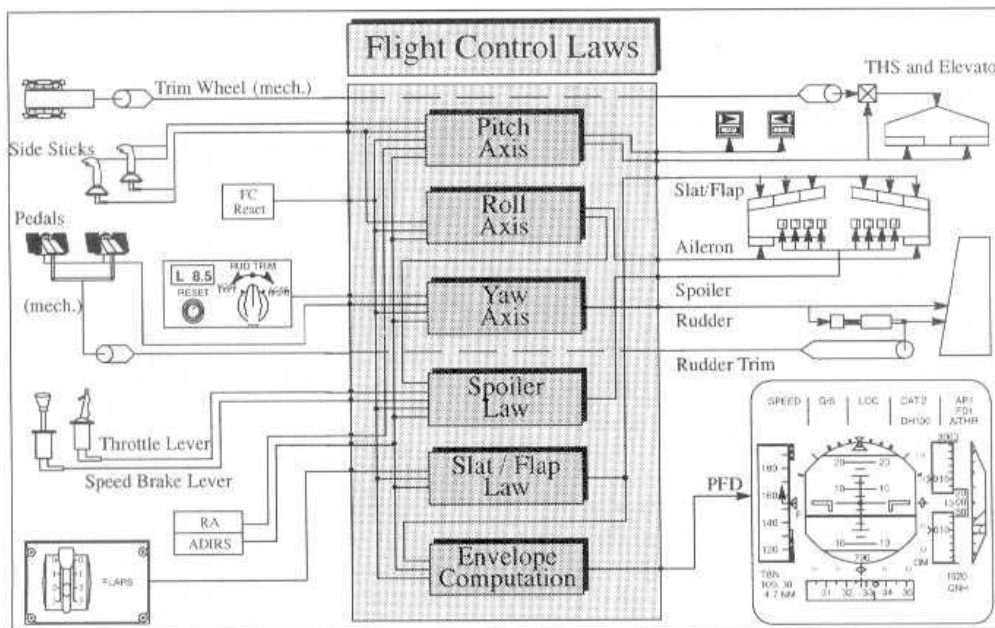


Fig. 1: EFCS Block Diagram