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Author(s)	: S. SRINATHKUMAR, T. NIRANJANA, S.R. RAJAN, M.S. RAJAMURTHY, SURESH KUMAR SINGH	Contents	Page : 14 Figures: 6
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Keywords	: Dynamic Wind Tunnel Simulation, Stability Derivatives, Roll Damping, Effective Dihedral		
Abstract	: The dynamic wind tunnel simulation concept has been used to estimate the roll damping derivatives of a 1/15 scale wind tunnel model of LCA. The experimental results are compared with existing analytical/static wind tunnel data for the same configuration.		