

Case Study: Lockheed Martin

- Business:** Military aircraft and space systems
- Challenge:** Reduce the cyclic stress on the door hinges of the C-5 aircraft cargo door causing fatigue problems.
- Solution:** Used MSC.EASY5 & MSC.NASTRAN to model the hydraulic control system and the flexible airframe and door. Integrated model provided the structural/controls interaction needed to solve the problem.
- Value:** *Integrated MSC software provided virtual prototyping of mechanical systems, saving time and money.*

“Integrated CAE will save time and money.”

--J.B. Lojko
Lockheed Martin Aeronautics

