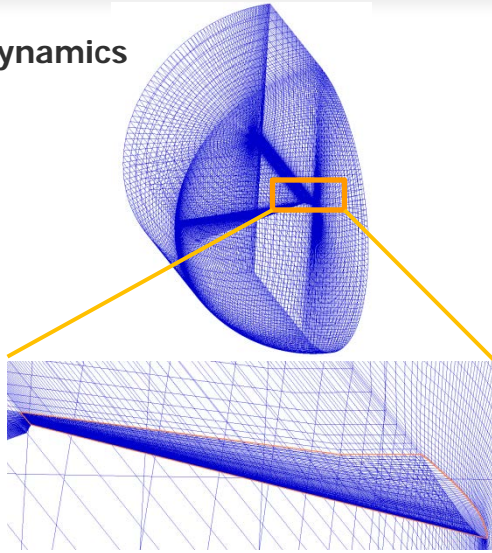


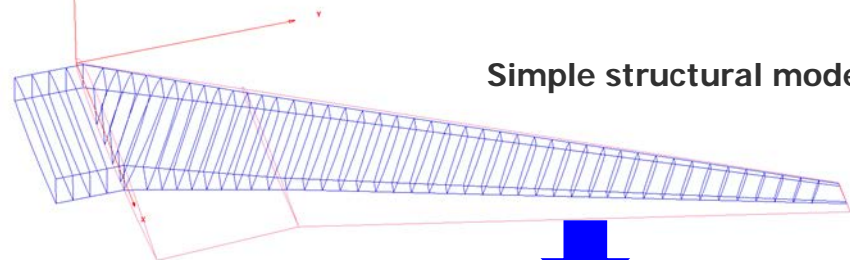
# Development of Simulator for Airframe Design

## Aerodynamics



By seamless optimization of aerodynamics and airframe structures, tradeoff at a high level between aerodynamic design and structural design are carried out from the initial design phase.

- ⇒ Complete airframe design less experienced in Japan can be sophisticated by the aid of CAE.
- ⇒ Tight balancing between aerodynamics and airframe structures in an early design phase can minimize risk of rework.



Simple structural model



Detailed structural model

## Safety margin (homogenization method)

