Inputs:

* Wing geometry: X,Y,Z,chord, twist at every section
* Section position along the wing
* Wing incidence angle
* Airfoil coefficients: upper & lower side; at least 6 each at every section (5th order polynomial)
* Viscous/inviscid: LOADS inviscid, AERO viscid
* Flight conditions: V,rho,h,Re,M,CL/alpha

XDSM Inputs:

* S, b, λ, Λ,Sections, Airfoil Parameters, twist

Out:

LOADS:

* Res.Wing.Yst: y-position of each section
* Res.Wing.cl: local lift coefficient at each section
* Res.Wing.cm\_c4: local pitching moment at each section

AERO:

* Res.CLwing: total 3D lift coefficient
* Res.CDwing: total 3D drag coefficient