

R-004 Mohamed Sereez

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- **Flow Solver – OpenFOAM V210**
- **Spatial Discretization – 2nd-order , cell-centered, finite-volume, mixed-element, unstructured grid.**
- **Time integration method – Steady State**
- **Name of grids – Self-Prepared, Case 1 – 1.R.04 and Case 2 (not uploaded).**
- **Cases Submitted - Case 1, Case 2 (2.1-2.4)**
- **Initialization Method - Free stream conditions**
- **Turbulence Model – SA and SA-noft2**
- **Convergence/Stopping criteria – All residuals converging to absolute 1e-06 or below and force monitors averages over last 1500 iterations.**
- **Relevant recent publications to solver and/or high-lift applications:**
 - The Aeronautical Journal (2024, Vol 128 issue 1324 pp 1245-1261).