



RESEARCH & TECHNOLOGY DEPARTMENT

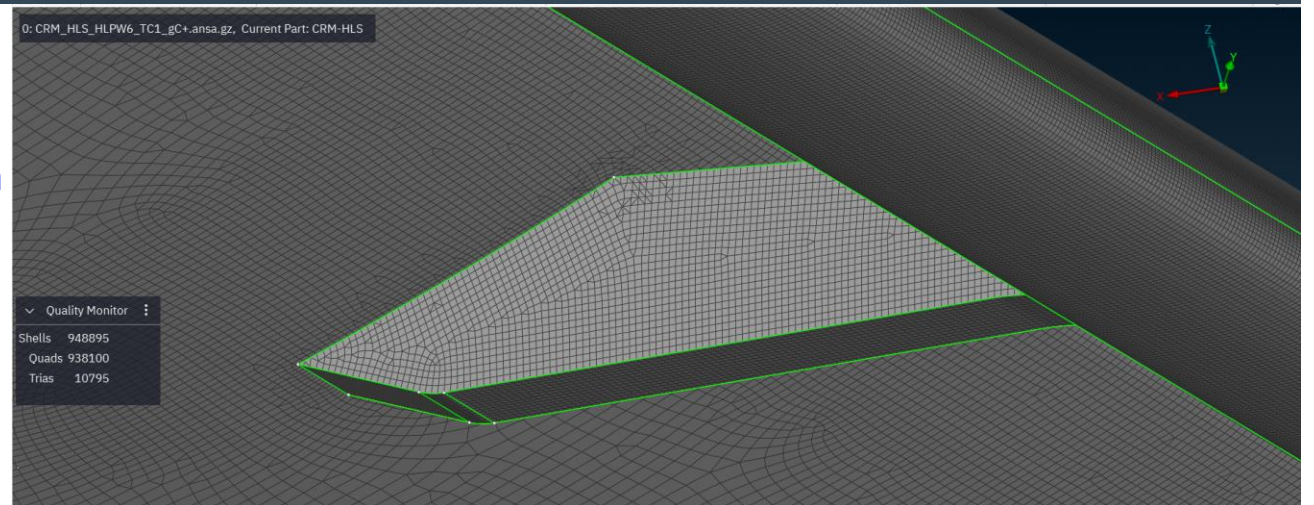
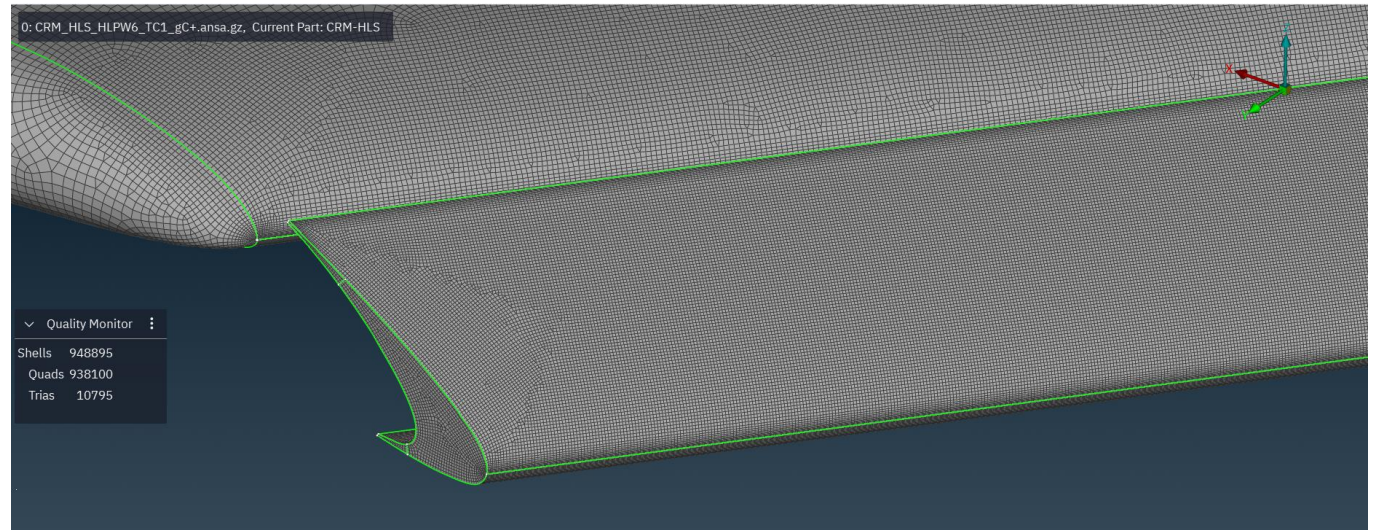
HLPW6 – TC 1 – Grid 1

GTX//AIR/
10/03/2026



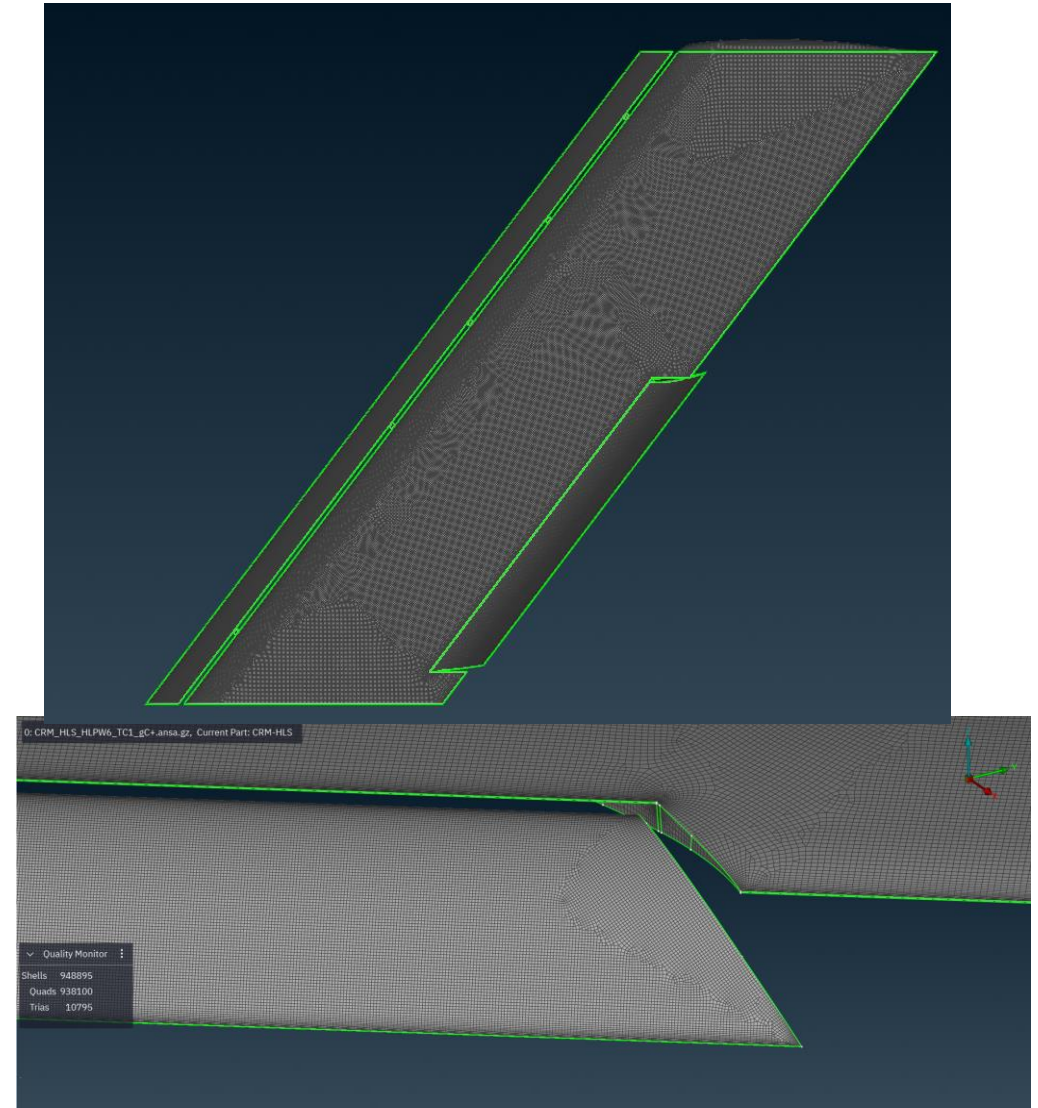
MESH GENERATION

- ANSA v25.1
- Surface:
 - Distortion Angle: 2deg
 - Growth Ratio: 1.15
 - Constant Zones: 4
 - Trailing Edge: 4 rows
 - Maximum length:
 - Slat: 1.2mm [~ 0.047 in] - Flap: 1.9mm [~ 0.075 in] – Wing: 4mm [~ 0.157 in]
- Layers:
 - 1st Height: 0.0045 mm
 - Growth Ratio: 1.15 (Number of Layers: 44)



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MESH GENERATION



- Volume:
 - 3 Offset Zones : Slat (2mm – 0.079in), Wing (4mm – 0.157in) and Flap upper (4mm) surfaces
 - 3 Refinement Zones: Full wake (8mm – 0.315in), Flap Wake (4mm) and Wing Tip Wake (4mm)
 - Number of Nodes: 55.8 Millions

