

# Impact FEA Analysis Of A Football Helmet

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Figure 1: Model of Helmet

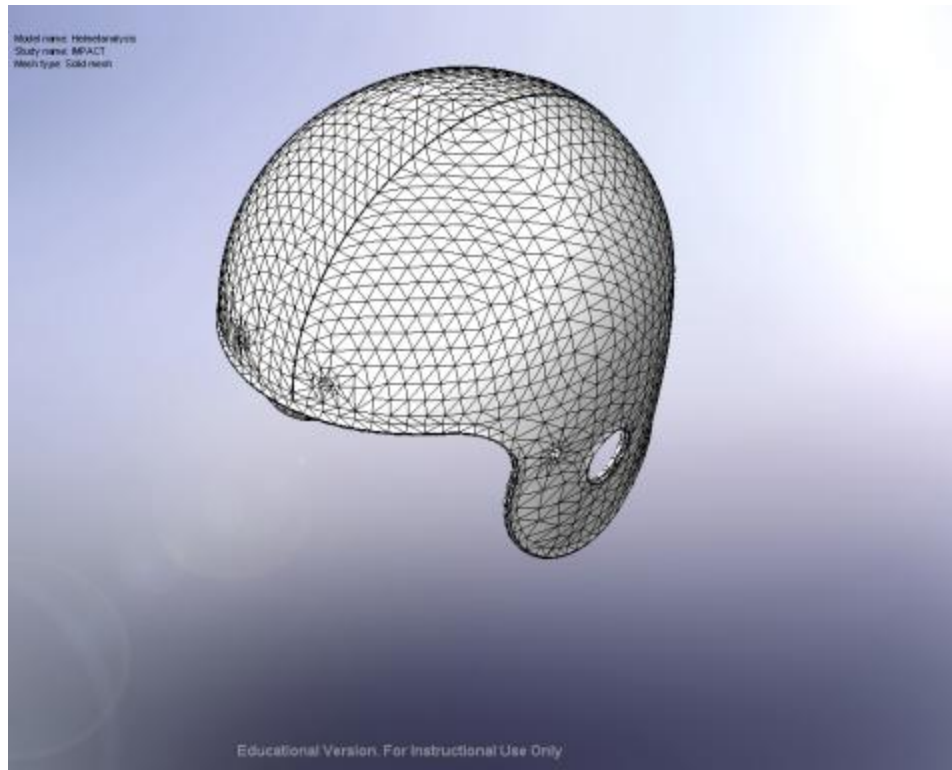


Figure 2: Mesh Size 0.2 in

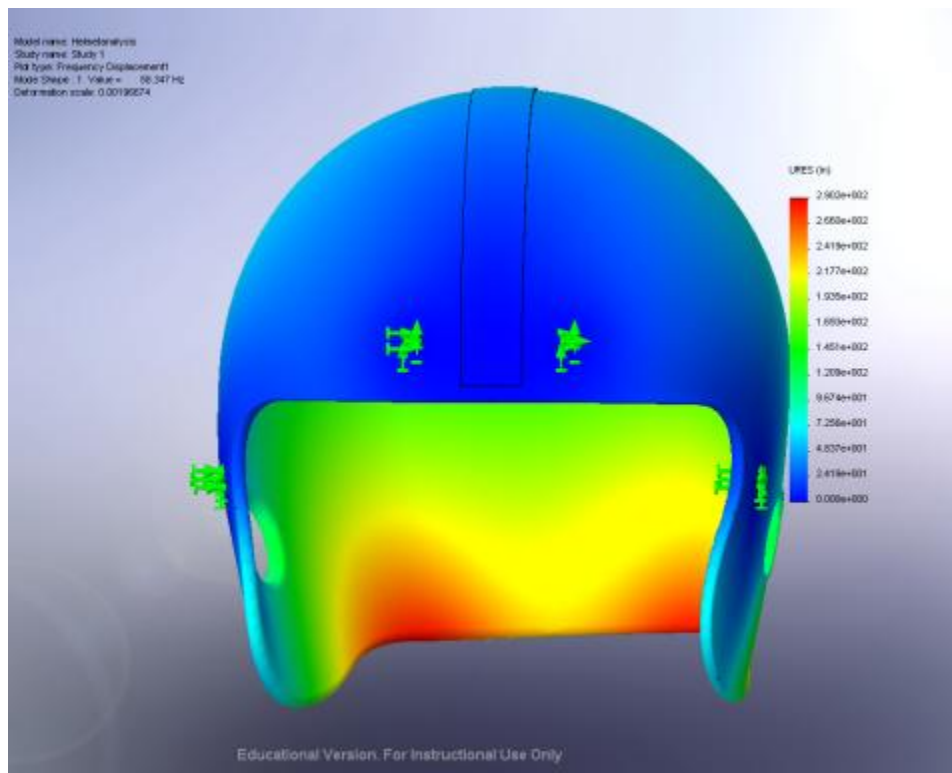


Figure 3: 1st Mode

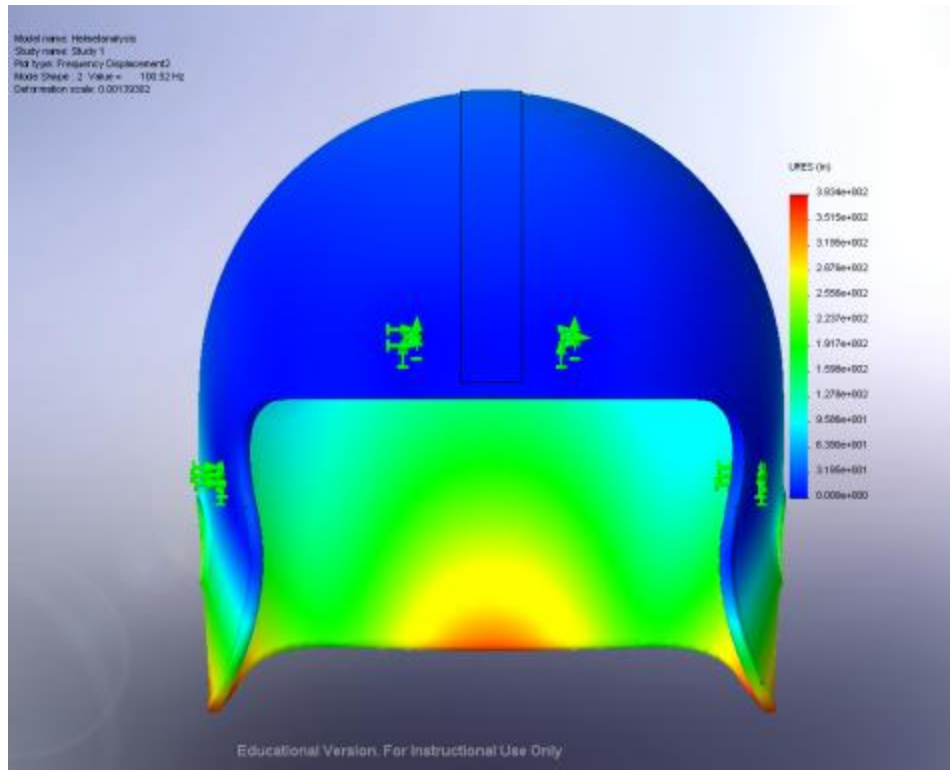


Figure 4: 2nd Mode

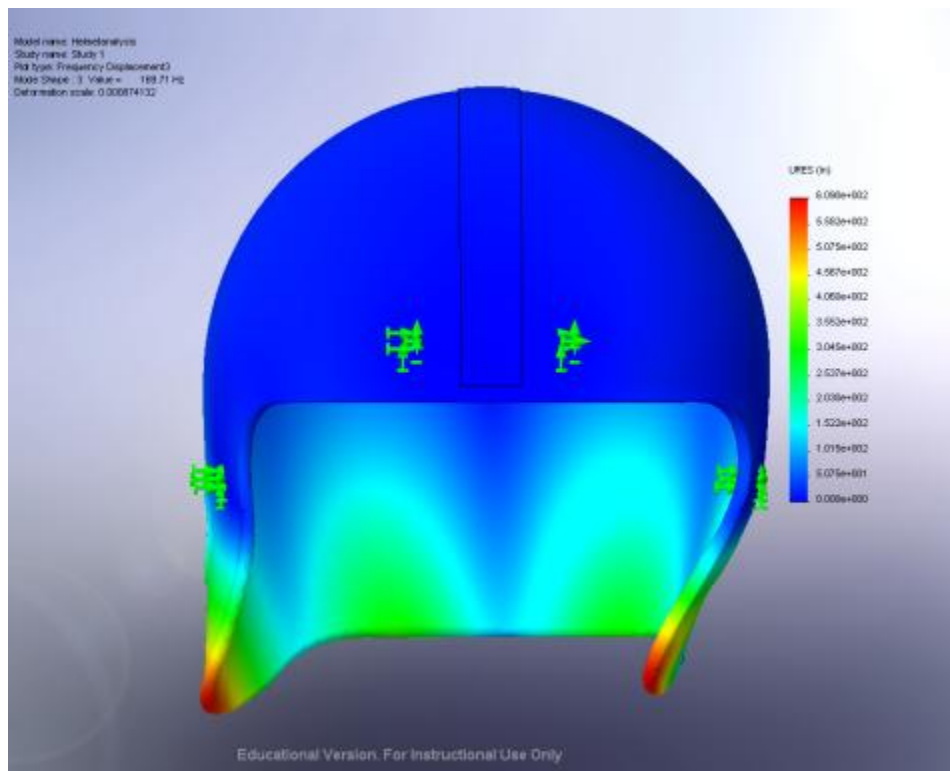


Figure 5: 3rd Mode

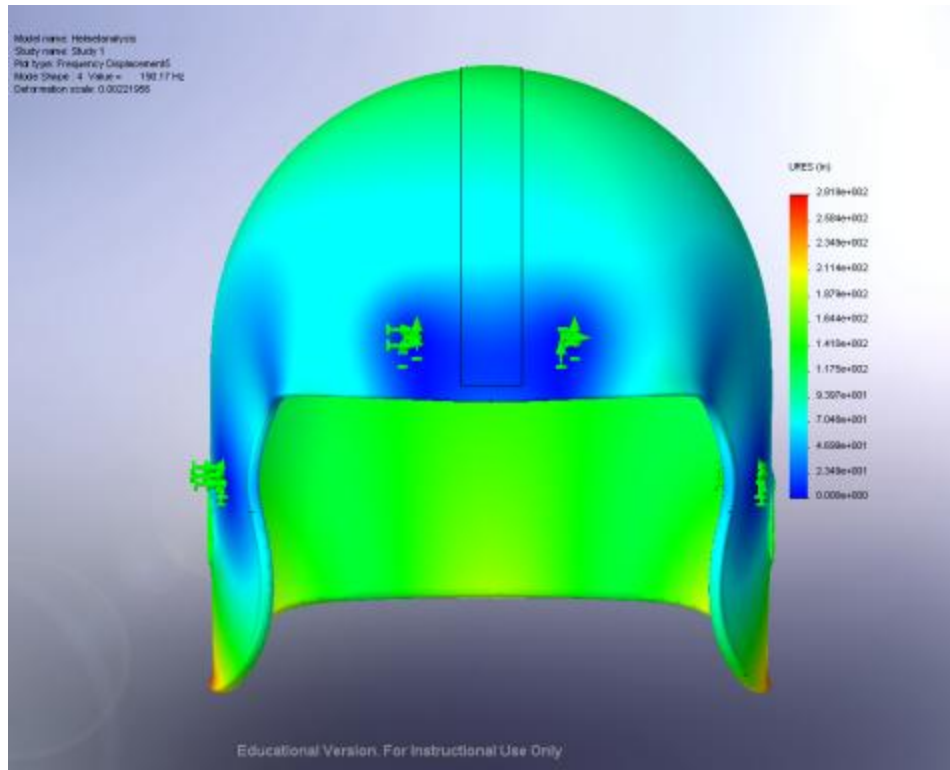


Figure 6: 4th Mode

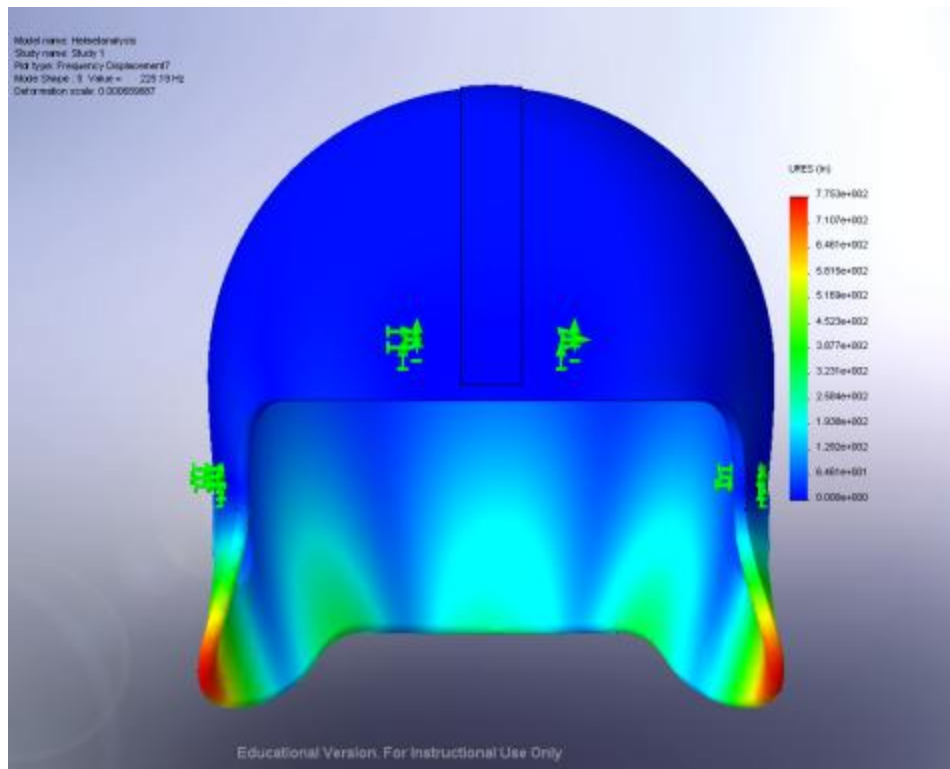


Figure 7: 5th Mode

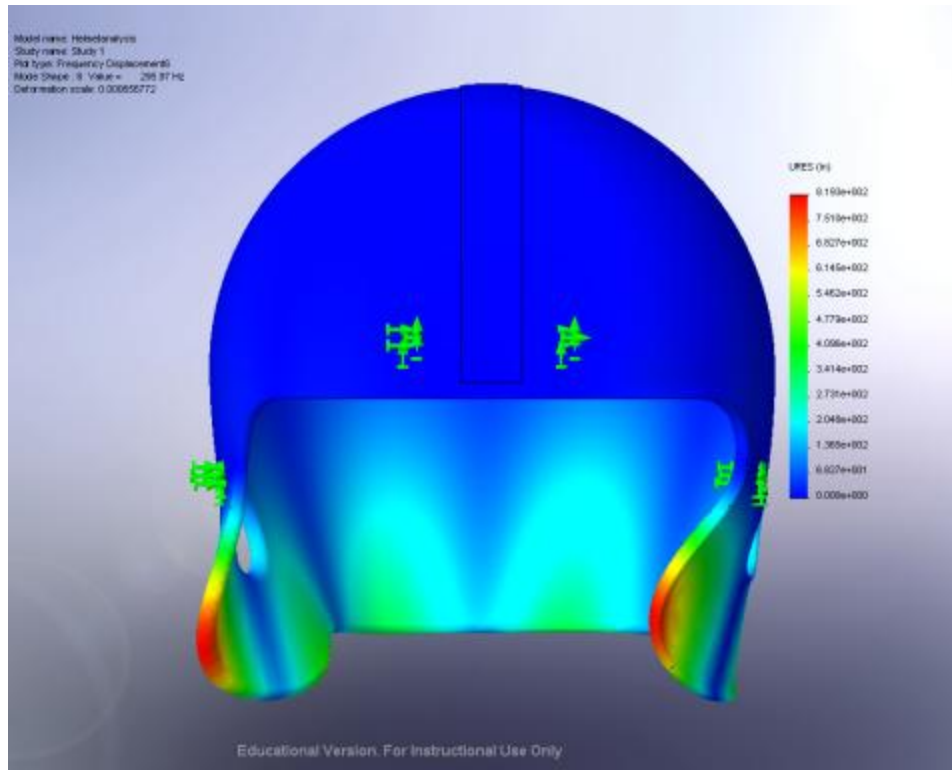


Figure 8: 6th Mode

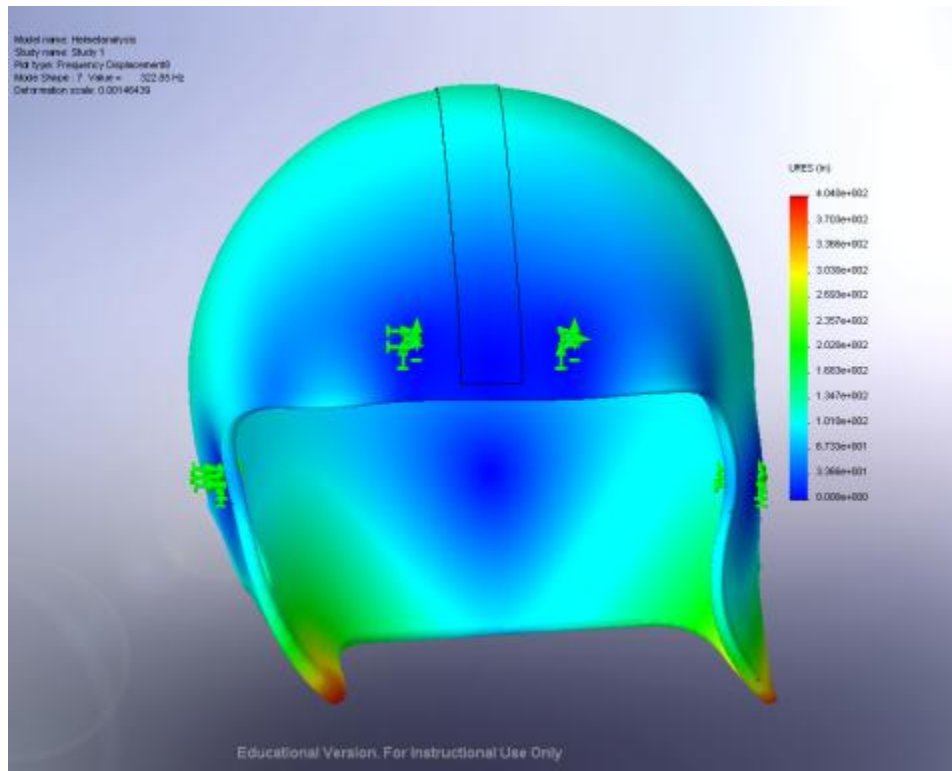


Figure 9: 7th Mode

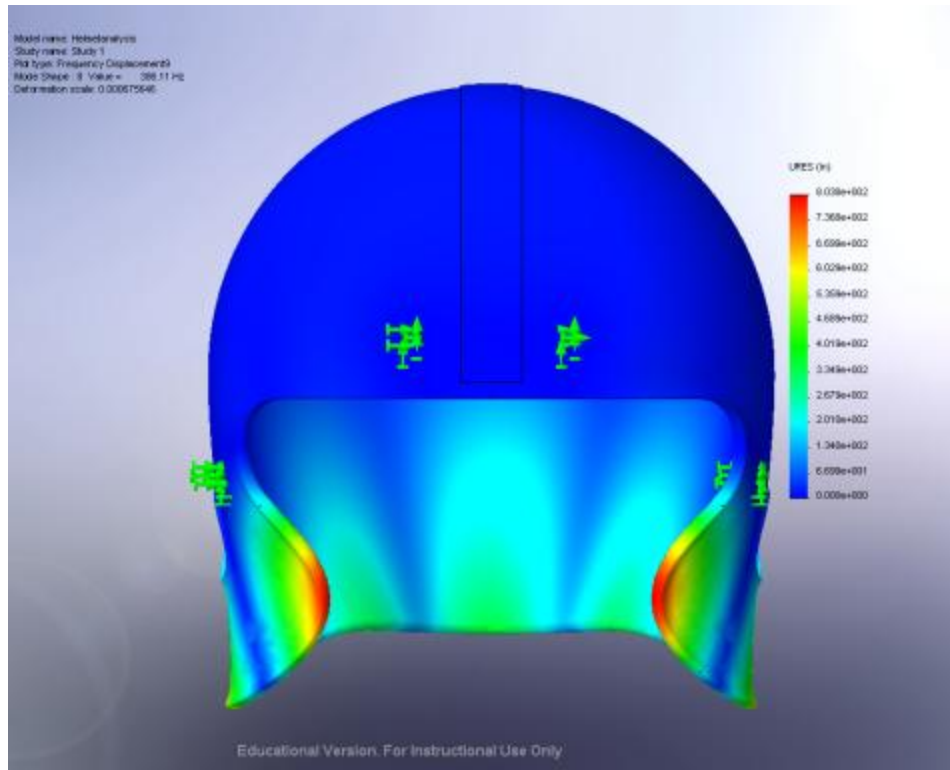


Figure 10: 8th Mode

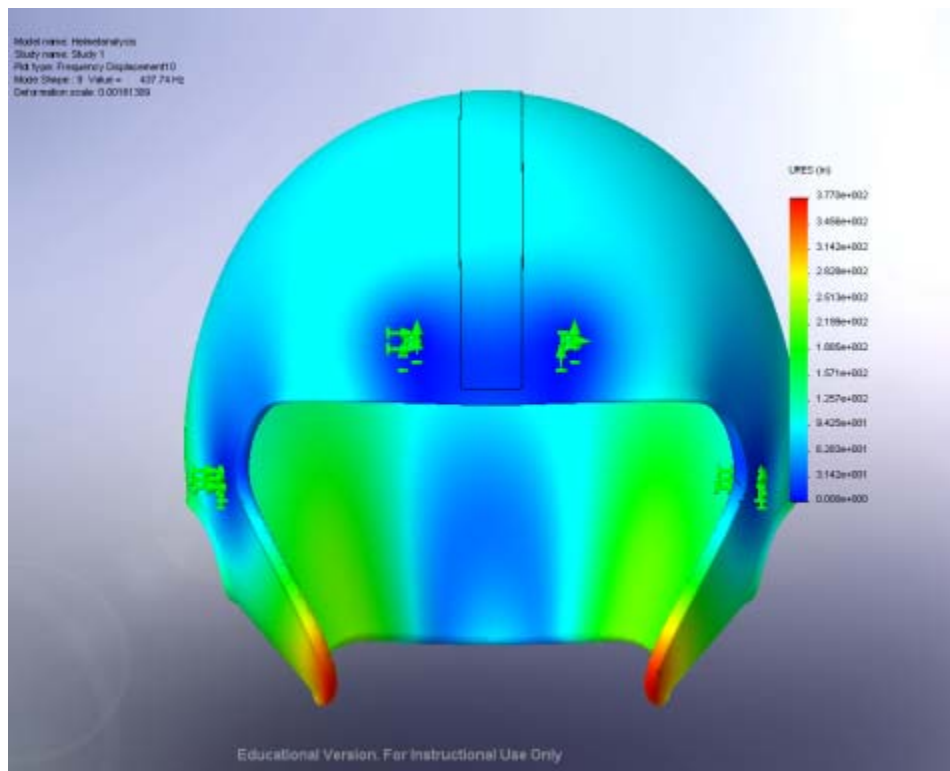


Figure 11: 9th Mode

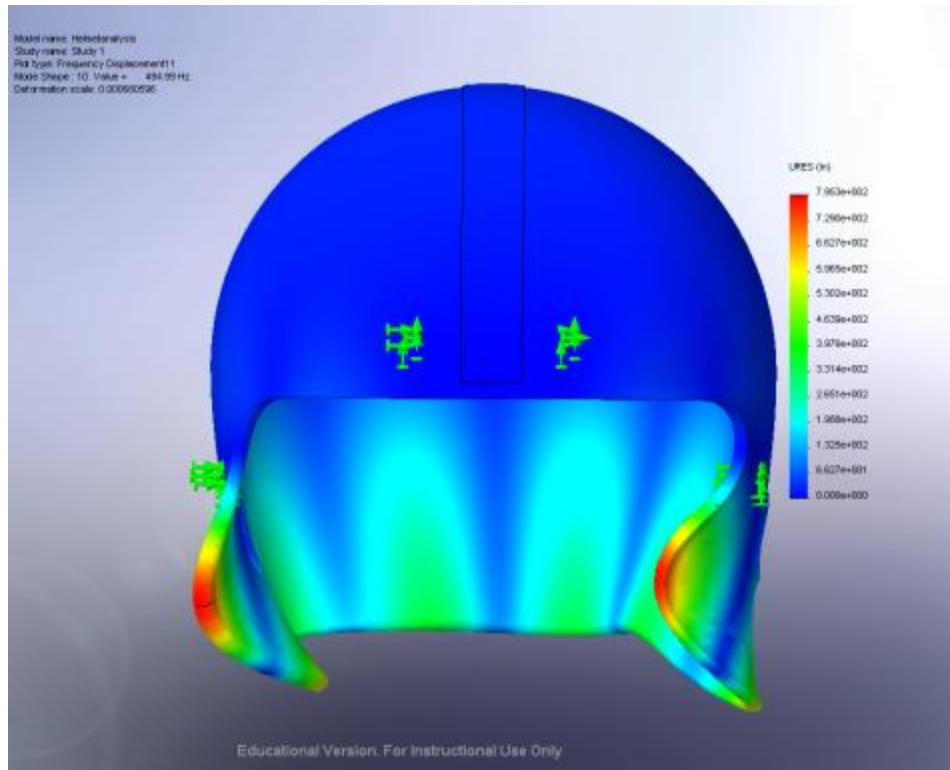


Figure 12: 10th Mode

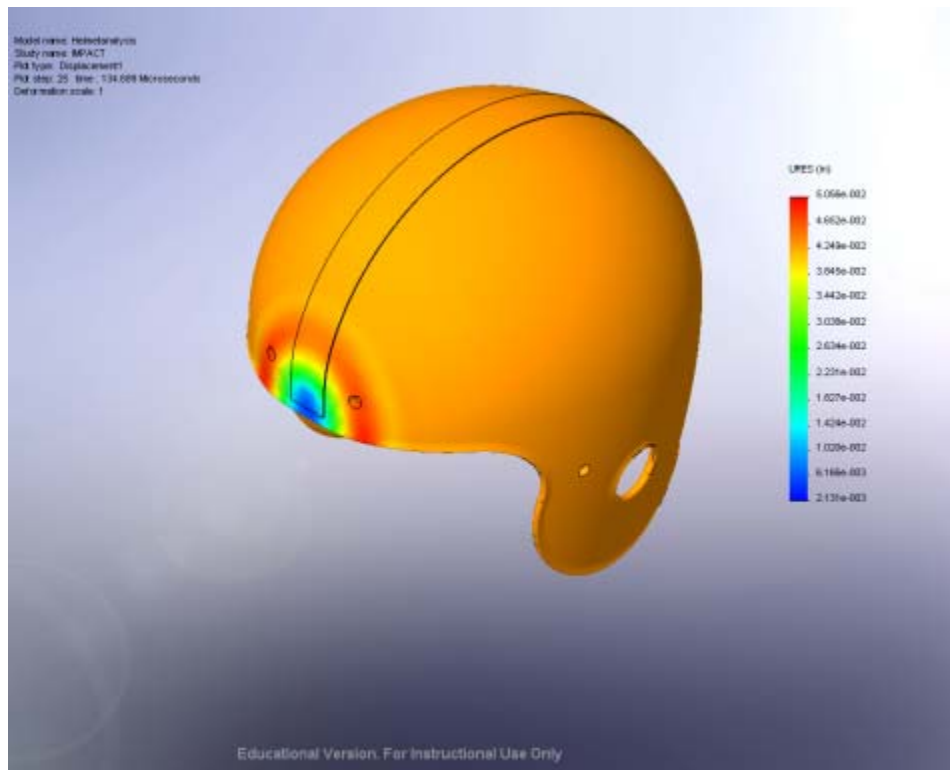


Figure 133: Impact Test Displacement (Front)

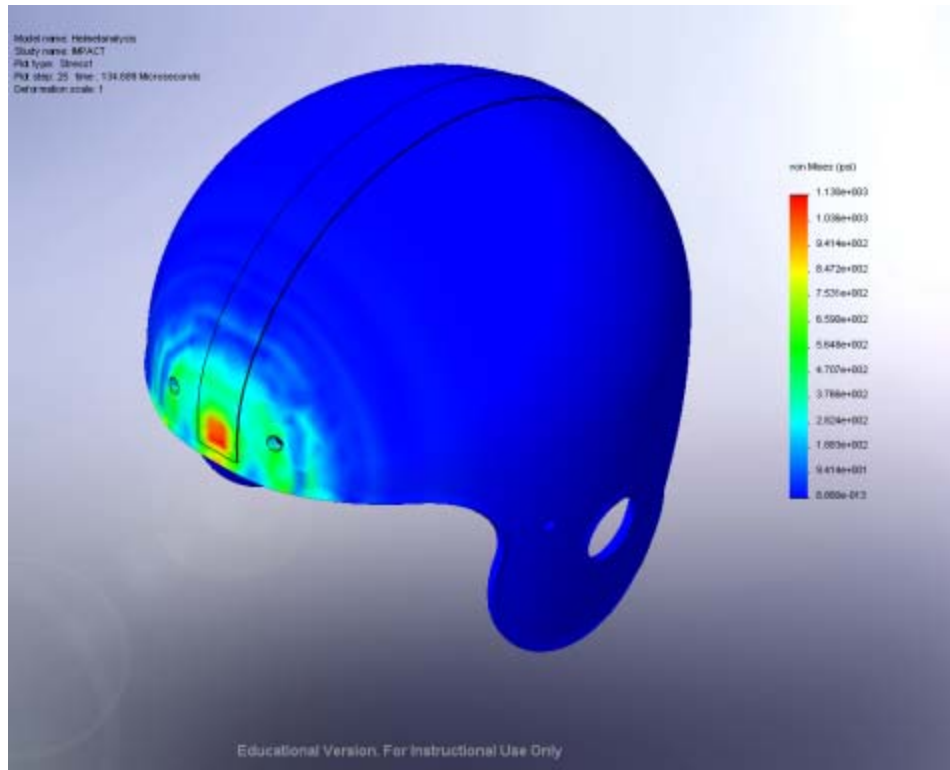


Figure 14: Impact Test Stress Analysis (Front)

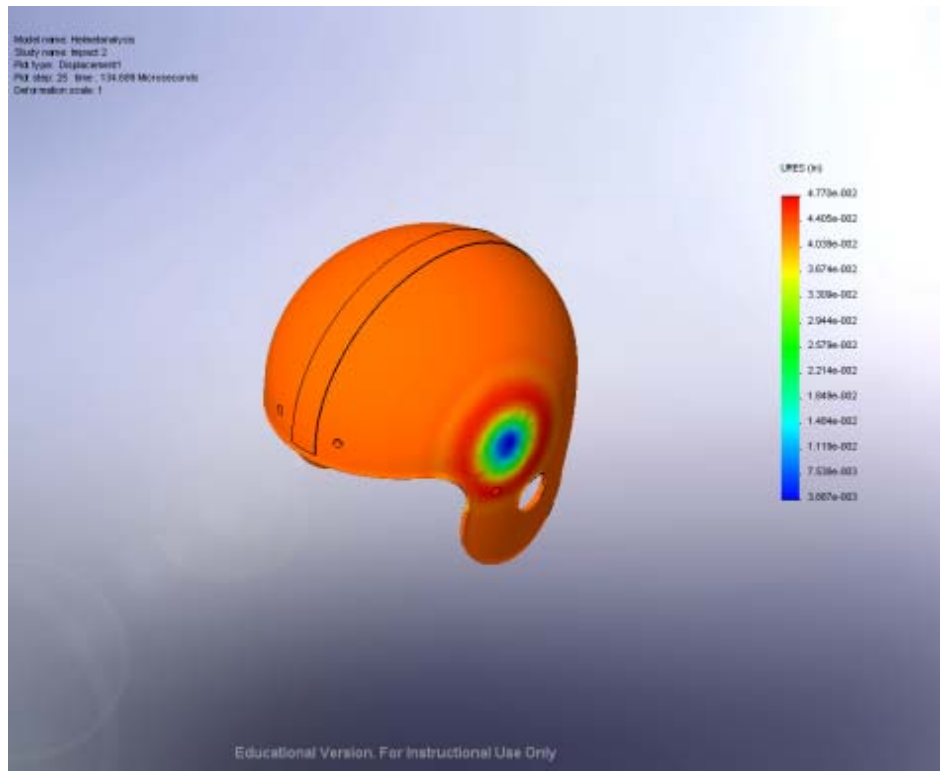


Figure 14: Impact Test Displacement (Side)



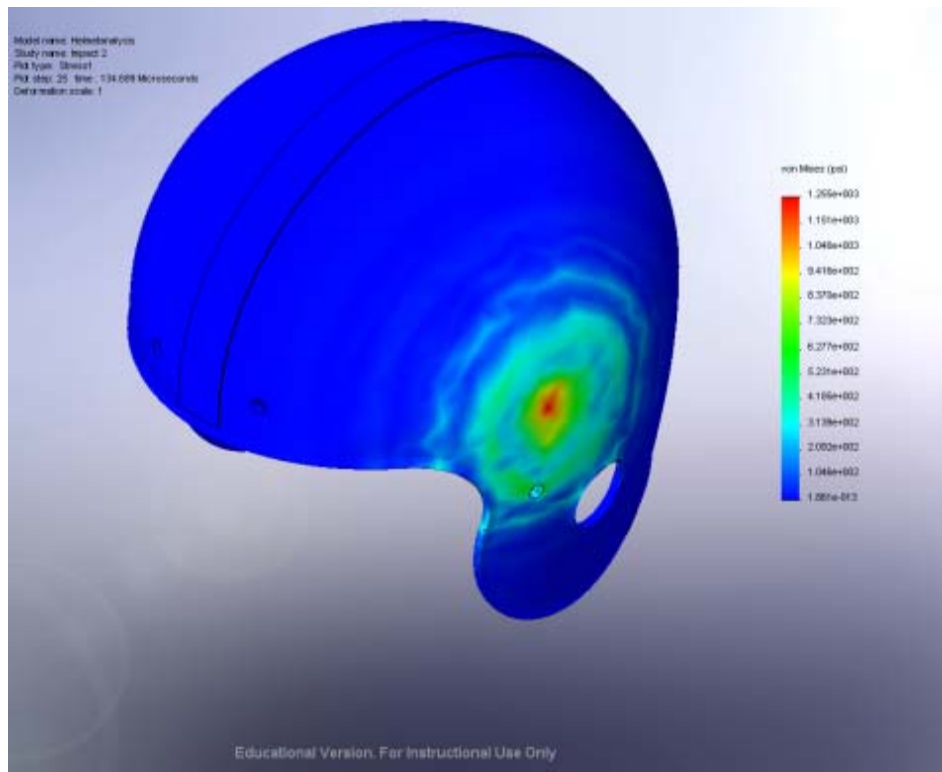


Figure 15: Impact Test Stress Analysis (Side)