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| **Iteration Number** | **Shape of X-Section** | **Material** | **Stringers?** | **Special Notes** | **code file name** |
| 1 | solid rectangle | Aluminum | no |  | part 0 |
| 2 | hollow rectangle | Aluminum | no | Thickness factor = 0.026 | part 1 |
| 3 | hollow rectangle, tapered thickness | Aluminum | no | Swept spar,  Thickness factor = 0.04 | part 2 iteration 1 |
| 4 | tapered hollow rectangle | Silicon Carbide | no | Thickness factor = 0.1 | part 2 iteration 2 |
| 5 | tapered hollow rectangle | Silicon Carbide | yes | Thickness factor = 0.075 | part 2 iteration 3 |
| 6 | tapered hollow rectangle | Carbon Fiber Composite | yes | constant thickness | part 3 iteration 1 |
| 7 | tapered hollow rectangle | Carbon Fiber Composite | yes | tapered thickness | part 3 iteration 2 |
| 8 | 3-cell, tapered, hollow, rectangle | Carbon Fiber Composite | yes |  | part 3 iteration 3 |