



Autoevaluation test. Chapter 1.

1. Define the Phases of structural design
2. Explain the differences between surface and body loads.
3. Explain the necessity of introduce a safety factor in structural design.
4. Describe the elements of a cantilever wings.
5. Explain the main functions of the ribs in a wing.
6. List the loads applied on the fuselage
7. List the Fuselages types
8. Describe the advantages and disadvantage of the Geodetic fuselage design
9. Explain the differences in stabilizer design between civil and military aircraft (fighters).
10. Explain the differences between conventional a T-tail design.