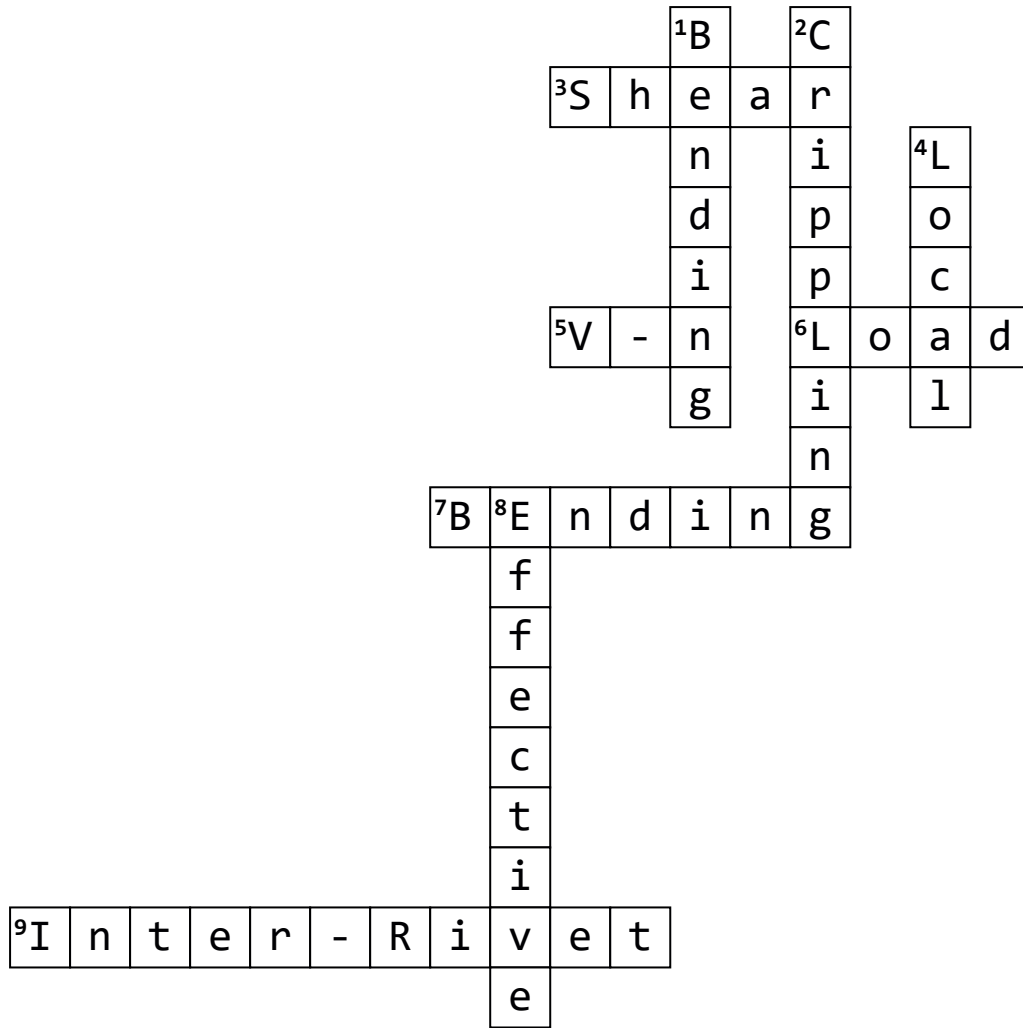


Buckling of Plates and Aircraft Load Analysis



Across

- 3.** Force and Bending Moment Distribution, What describes the variation of shear force and bending moment along the length of a beam under applied loads?
- 5.** Diagram and Load Analysis, What diagram is used to analyze the relationship between velocity, load factor, and structural loading in aircraft?
- 6.** Carrying Capacity of Sheet Stiffener Panels, What is the ability of a stiffened sheet panel to resist applied loads before failure?
- 7.** of Thin Plates, What is the bending behavior of thin plates when subjected to transverse loads?
- 9.** Buckling, What type of buckling occurs between rivet locations in aircraft structures under compressive loads?

Down

- 1.** of Thin Plates, What is the bending behavior of thin plates under transverse loads?
- 2.** Strength Estimation, What method is used to calculate the maximum load a thin-walled section can withstand before failure due to buckling?
- 4.** Buckling Stress of Thin-Walled Sections, What is the stress that causes local buckling in thin-walled structural elements under compression?
- 8.** Width Concepts, What concept is used to account for the reduction in effective strength of a buckled thin plate section?