Dragon Wing Drawing: Bone Struts, Membrane Panels, and Folded vs Spread Forms

Original task 1 / independent drawing and calculation

Task 1

Draw a spread wing with three struts and two membrane panels. Label the leading-edge bone, wrist joint, and both panels. Describe where each panel sags.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Dragon Wing Drawing: Bone Struts, Membrane Panels, and Folded vs Spread Forms

Original task 2 / independent drawing and calculation

Task 2

Convert the spread wing from the previous exercise into a folded wing. Keep the same three struts and two panels. Show one strut hidden behind a membrane fold using a dashed line.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Dragon Wing Drawing: Bone Struts, Membrane Panels, and Folded vs Spread Forms

Original task 3 / independent drawing and calculation

Task 3

A learner shades a spread wing with strokes running from wrist to tip along the struts. Explain why this shading is inconsistent and describe a better direction.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Dragon Wing Drawing: Bone Struts, Membrane Panels, and Folded vs Spread Forms

Original task 4 / independent drawing and calculation

Task 4

Using a hypothetical 16 cm leading edge and 10 cm trailing span, calculate a simple area check for one rectangular membrane panel. State the units and label the values as hypothetical.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.