Owl Wings Drawing: Layered Flight-Feather Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a spread wing with a hypothetical axis of 10 cm from shoulder S to tip T, wrist W at 3 cm from S. Add two primaries and three secondaries. State the layer order you used.

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.

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Original task 2 / independent drawing and calculation

Task 2

Convert the spread wing from the previous exercise into a folded wing. Keep S, W, T labels. Describe how the trailing-edge band and feather tips change.

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.

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Original task 3 / independent drawing and calculation

Task 3

A sketch shows coverts drawn first, then primaries on top of the coverts. Identify the layer-order mistake and describe the corrected drawing order.

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.

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Original task 4 / independent drawing and calculation

Task 4

Draw a folded wing with a hypothetical axis of 8 cm from S to T and W at 2 cm from S. Add three primaries and two secondaries. Check that the leading edge is forward-most and that the overlap direction is correct.

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.