Realistic Airplane Drawing: Fuselage and Wing Construction

Original task 1 / independent drawing and calculation

Task 1

Draw a side-view airplane on a 15 cm centerline. Place the wing root at 10 cm from the nose. Fuselage width 1.8 cm at cockpit and 0.9 cm at tail. Describe your shading plan.

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

In three-quarter view, the near wing appears longer than the far wing. If the near wing measures 6 cm from root to tip, what should the far wing measure if perspective shortens it by one-third? State the shading difference.

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 fuselage is 18 cm long. You want wingspan equal to fuselage length and tail span one-third of wingspan. Give tail span and place wing root at two-thirds of fuselage length.

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

Your shading band is 1 cm wide on a 2 cm fuselage. Where should the darkest part sit, and how wide should the highlight be? Use the upper-left light convention.

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.