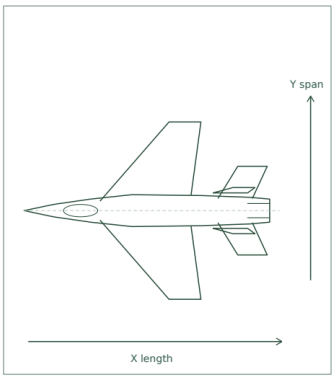
Super Hornet Orthographic Drawing: Plan and Profile Practice

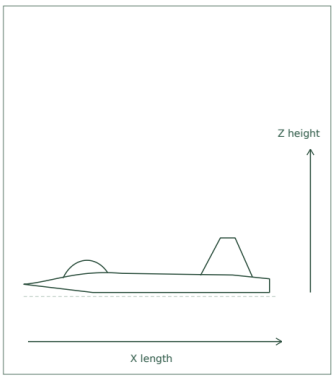
Ordinary topic reference / separately checked pixels

Simplified Super Hornet orthographic studies / hypothetical teaching dimensions only

PLAN / X length, Y span



PROFILE / X length, Z height



PRINT 1:3 / labels are full hypothetical source sizes / L18cm, span13cm

Plan and profile use identical horizontal nose/tail X coordinates within their separate panels.

Worked: target13/18=0.72222. A12cm span on18cm length gives0.66667 (7.692% relative difference), acceptable within10%;10/18=0.55556 differs23.077%, so too narrow. The plan has symmetric swept wings, two tail fins/tailplanes and a canopy; the profile has nose, canopy and vertical tail. No manufacturer dimensions are asserted.

Super Hornet Orthographic Drawing: Plan and Profile Practice

Original worked example / unchanged complete key

Prompt: A hypothetical Super Hornet reference gives length 18 m and span 13 m. On paper, the plan panel is 18 cm wide at a scale of 1 cm to 1 m. Block the fuselage and wings, then check the span-to-length ratio.

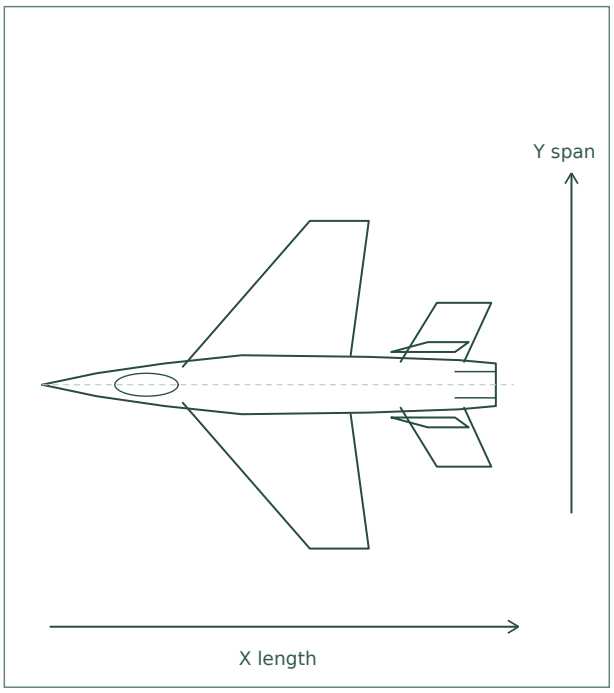
Answer: Fuselage block length is 18 cm. Span block should be about 13 cm. Ratio is 13 divided by 18, about 0.72. If the drawn span measures 12 cm, ratio is 0.67, which differs by about seven percent and is acceptable for practice. If it measures 10 cm, ratio is 0.56, too narrow; widen the wing blocks and re-measure.

Super Hornet Orthographic Drawing: Plan and Profile Practice

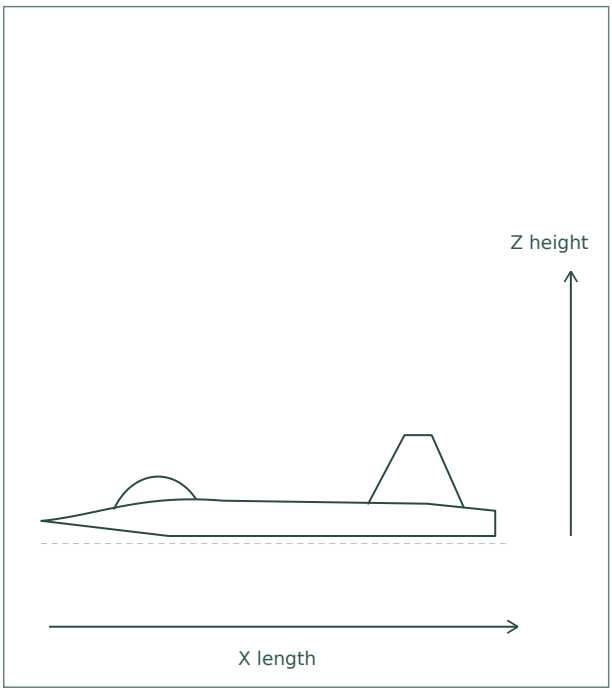
Worked diagram / reference

Simplified Super Hornet orthographic studies / hypothetical teaching dimensions only

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