

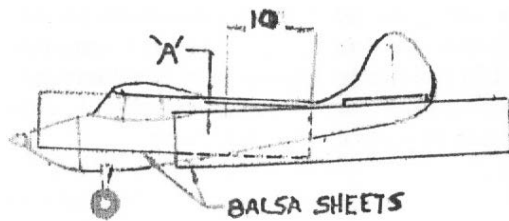
What's The Angle?

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I came across this material while paging through an old copy of the 1975-1976 Aeromodeler Annual. It's valuable information even in this age of push button incidence meters, etc. Editor.

"Checking the angle of wing and tailplane on a model can be a problem. Often the wing and tailplane angle is sighted, with final adjustments being made during test flying. Here is a method of solving the problem. Using two sheets of balsa, hold one under the wing and the other under the horizontal stabilizer as shown in the sketch. Overlap the sheets and pin or tape together. Find dimension 'A' over a 10.0" length and using the table (all the math has been done for you) find the desired angle. The same principle can be used for low wing models and biplanes. Be sure to select balsa sheets that have straight edges!"



ANGLE DEGREES	'A' INCHS	ANGLE DEGREES	'A' INCHES
$\frac{1}{4}^{\circ}$	$\frac{1}{32}$	$2\frac{1}{2}^{\circ}$	$\frac{7}{16}$
$\frac{1}{2}^{\circ}$	$\frac{3}{32}$	$2\frac{3}{4}^{\circ}$	$\frac{15}{32}$
$\frac{3}{4}^{\circ}$	$\frac{1}{8}$	3°	$\frac{17}{32}$
1°	$\frac{3}{16}$	$3\frac{1}{4}^{\circ}$	$\frac{9}{16}$
$1\frac{1}{4}^{\circ}$	$\frac{7}{32}$	$3\frac{1}{2}^{\circ}$	$\frac{5}{8}$
$1\frac{1}{2}^{\circ}$	$\frac{1}{4}$	$3\frac{3}{4}^{\circ}$	$\frac{21}{32}$
$1\frac{3}{4}^{\circ}$	$\frac{5}{16}$	4°	$\frac{11}{16}$
2°	$\frac{11}{32}$	$4\frac{1}{4}^{\circ}$	$\frac{3}{4}$
$2\frac{1}{4}^{\circ}$	$\frac{3}{8}$	$4\frac{1}{2}^{\circ}$	$\frac{13}{16}$