

HELP FOR CROSSWIND

PURPOSE: The Crosswind app is used to calculate the crosswind and headwind components of the wind relative to a given runway heading.

When to Use the Crosswind Calculator

To calculate crosswind and headwind

To visualize which runway should be in use

Draws a picture that makes the wind conditions easier to understand.

How to Use the Crosswind Calculator

- Select the Runway
- Select the Wind Direction
- Select the Wind Speed
- See the Solution

The Runway Heading text field can be used to enter a more precise heading.

The Red line drawn at a right angle to the runway indicates the point at which the recommended runway changes from one to the other based on the direction of the headwind.

Crosswind Options

By default a crosswind from the left is shown as a negative number, from the right is positive. You can reverse this by flipping the switch.

You can set the maximum wind speed up to 999.

Sliders or Pickers can be used to change the inputs.

Crosswind Calculator Screenshot

Carrier 5:33 PM 100%

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CROSSWIND CALCULATOR

Crosswind
5.1

Headwind
14.1

Wind
330 @ 15
CRFI
0.25
Rwy Hdg
350

Runway Direction: 350

Runway	Wind Direction	Wind Speed
33	310	13
34	320	14
35	330	15
36	340	16
	350	17

Runway 35

Wind Direction 330

Wind Speed 15

CFI Tools