

Landings made easier...

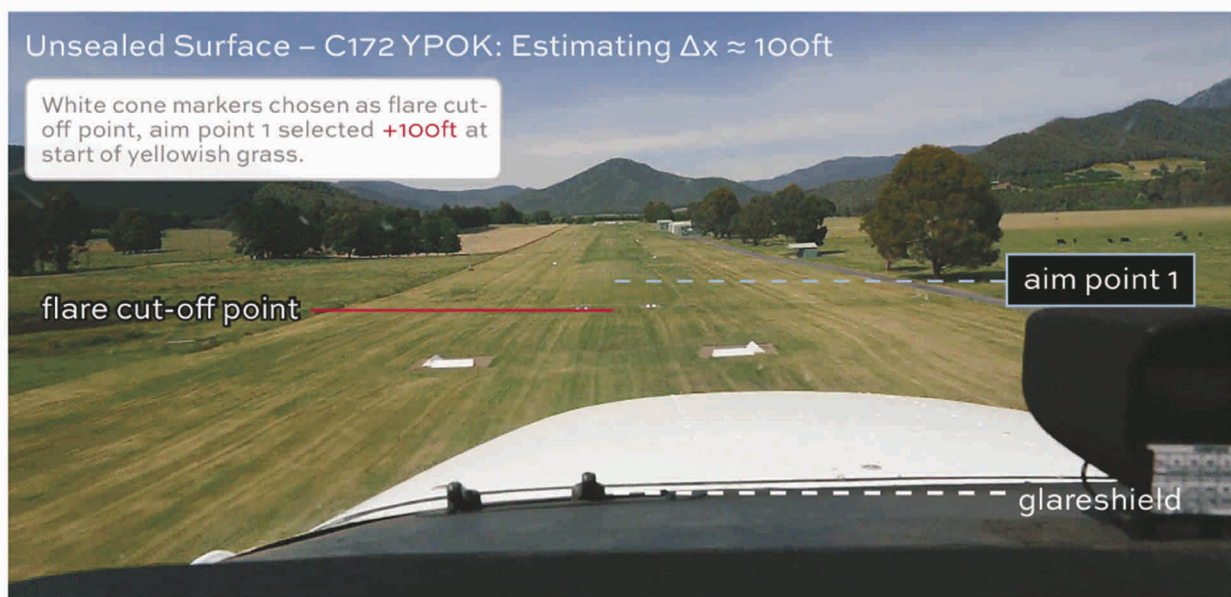


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Unsealed Surface – C172 YPOK: Estimating $\Delta x \approx 100\text{ft}$

White cone markers chosen as flare cut-off point, aim point 1 selected +100ft at start of yellowish grass.



A retired airline captain has used his vast experience to help pilots judge their landings better. A simple app is the result.

If you ask 10 pilots how they land an aeroplane they'll look blankly at you and go quiet. Then the jokes will start. 'I have no idea, my eyes are closed of the last five seconds', or 'Landing...is that what you call in my collision with the runway?'

In all honesty most pilots can't tell you how they judge their flare and touchdown. In their eyes it's an inexact science that evolves during flying training, but doesn't follow firm rules.

Captain David Jacobson has sought to change that with his technique, The Jacobson Flare.

Many years ago he devised a landing method that involved using basic trigonometry, combined with visual cues, to work out exactly when to commence the flare in an aeroplane, regardless of the size.

Over the intervening years, while flying all manner of aircraft from lighties to airliners, he's refined the technique. With the advent of new technology, involving an application for the iPad, he is now able to present the method as an interactive series of tutorials, involving charts, diagrams, videos and text.

The App begins with a home screen with menus that take you to various learning modules, including a section for the mathematically minded that shows the formulas involved in working out just when to flare, together with a comprehensive reference section.

But an understanding of maths isn't necessary to use the Jacobson Flare. The easy to follow diagrams and demonstration videos show how to incorporate this technique into your flying. Once you've mastered the flare on a sealed runway with markings it's easy to apply it to grass and gravel strips.

As a pilot transitions to larger aircraft the technique doesn't change, meaning judging the flare point in a 747 is as easy as in a Cessna 172.

The Jacobson Flare doesn't relieve the pilot of the responsibility to fly accurate approach speeds on finals. But it does help reward good flying with a gentle touchdown, which is repeatable.

Available from the App Store for \$29.99 ■