

## A close-up view of the cockpit area of a white aircraft. The image shows the windshield, side window, and a red stripe on the fuselage. The cockpit interior is visible through the windows, showing two orange seats and a black seatbelt. A black metal structure, possibly a fuel filler or access point, is mounted on the top of the fuselage above the cockpit. The aircraft is parked on a dark surface, and a building is visible in the background.

An altimeter of a low-speed private aircraft (i.e., Cessna 172) reads "3,000 ft" during the flight. If a pitot-static probe of this aircraft measures a dynamic pressure of 53.3 lbf/ft<sup>2</sup> (psf), what is the corresponding equivalent airspeed of this flight? Suppose, if the outside air temperature (OAT) is given to be 50 °F, what is the corresponding true airspeed of this flight?

Lined area for notes, consisting of multiple horizontal dashed lines.