



TRC4000 CABIN C172G Flight Training Device



SKU: 192335

Product Categories: [Uncategorised](#)

Product Tags: [TRC 472](#), [TRC 472FG](#), [TRC 472FG Flight Simulator system](#), [TRC4000](#), [TRC4000 CABIN C172G](#), [TRC4000 CABIN C172G Flight Training Device](#)

Product Page: <https://www.simkits.com/product/trc4000-cabin-c172g-flight-training-device/>

Product Summary

The TRC4000 CABIN C172G is based on the dimensions and layout of a Cessna 172 production single engine aircraft. This closely represents the overall functionality, performance, avionics, and instrumentation.

The platform consists of a cockpit section, instructor's control station, visual display system and an audio system. It incorporates a combination of hardware and software components that is assembled and checked by TRC Simulators. All hardware elements are permanently installed and designed so the cockpit has the appearance and feel of an actual aircraft.

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permanently installed and designed so the cockpit has the appearance and feel of an actual aircraft. From the pilot's seated position, there are no computer hardware elements such as keyboards, pointing devices, etc. for his or her use. The TRC4000 CABIN C172G provides realistic and true-to-scale cockpit design, avionics, and reliable hardware/software performance. This platform also provides an effective training environment for student and certificated pilots. This includes the capability of practicing scenario based flight training events, simulated equipment failure and emergency procedures, pilot evaluations, instrument procedures/ experience, and facilitating increased pilot proficiency overall.

Compact 180 degrees visual system

The TRC 180 Video Wall System has a FOV of 180 degrees and is made out of high quality materials that will enhance the immersive experience and let the user believe he is in control of an actual airplane. The 180 degree video wall systems comes with five Full HD 55 inch professional DLED IPS video wall screens connected together with an ultra narrow bezel (3 millimeters visual to visual). These screens are specifically designed to be in use 24/7. The typical panel life time is at least 60.000 hours. The response time of these screens is 12 ms, causing no delay in visual and flight experience and the screen brightness is 500cd/m2. While the TRC4000 CABIN C172A comes with a 180 degrees visual system, the setup, is still very compact.

Instructor station

The TRC4000 CABIN C172G flight simulator systems comes with a fully equipped instructor station. This instructor station makes it extremely easy for the instructor to control the simulation's environment, change the weather, reposition the student's aircraft, and trigger malfunctions in real time as the simulation is running. It gives professional-quality tools for monitoring, instruction, and analysis. The possibility to record the current flight, makes it very easy for the instructor to review the flight with the student and discuss what he is doing right or wrong.

Easy to place anywhere

Because of the compact size of the TRC4000 CABIN C172G flight simulator, it will fit in any standard office environment and there is no need for a special air conditioning system, as the complete system has a relatively low power consumption. One 110/220v power socket will do for the complete system. You don't need to change your electrical infrastructure, just for one flight simulator system.

Control Loading and 6DOF Motion

The TRC4000 CABIN C172G Flight Training Device can be equipped with control loading on both the dual yoke system as well as the dual rudder pedals. It is even possible to place the complete system on a 6 degrees of freedom motion system. Use the contact form under "inquiry" to request more information about the possibilities.

More information

Please visit the [TRC4000 CABIN C172G product page](#) on our TRC Simulators website for detailed specifications.

Product Gallery







