



XENNIAL



VR INTRO TO AVIATION PROGRAM

The [Virtual Reality \(VR\) Intro to Aviation Program](#) by Xennial, is a 4-module product co-developed with subject matter experts in the field of aviation MRO and instruction. The product is the first of a series that will focus on delivering the most extensive library of VR Simulations to train aircraft technicians in the basics of aviation, as well as aircraft maintenance, repair and overhaul. The VR program offers [Schools and Programs of Aviation](#) an immersive and "hands on" training solution to practice essential procedures and skills, without the limitations and cost of physical aircraft and facilities.

The solution will also house one of the most extensive libraries of [Virtual Reality Aircraft](#), starting with a Cessna 172, enabling institutions and students to have access to all the resources they need to be better prepared for working with real aircraft.

Reach out to us for a Demo:

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AVIATION CAREERS

Module Length: 30-45 minutes

- Students learn about the different career opportunities in the field of aviation.
- Students explore traditional and non-traditional careers in professional piloting, flight operations, and avionics, maintenance and engineering.
- Students dive deep into each career responsibilities, salaries and opportunities.

AIRCRAFT FAMILIARIZATION

Module Length: 30-45 minutes

- Students explore the hangar and familiarize themselves with key areas and parts of a Cessna 172 aircraft.
- Students learn about each part's definition, importance, and risk of failure.
- Students are quizzed about the different parts with an additional knowledge check.

PRE-FLIGHT CHECK

Module Length: 30-45 minutes

- Students play the role of a professional pilot to perform a full pre-flight check in preparation for a flight.
- Students walk around the aircraft to complete the official checklist.
- Student must identify randomized "squawks" in the aircraft, that will not allow the aircraft to pass the pre-flight inspection.

GENERAL VISUAL INSPECTION

Module Length: 30-45 minutes

- Students play the role of an aircraft technician to perform a full general visual inspection (GVI) in preparation for a flight.
- Students walk around the aircraft to complete the official checklist.
- Students must identify randomized "squawks" in the aircraft and choose a course of action to determine if the aircraft is allowed to fly.



MODULE 1



MODULE 2



MODULE 3



MODULE 4