

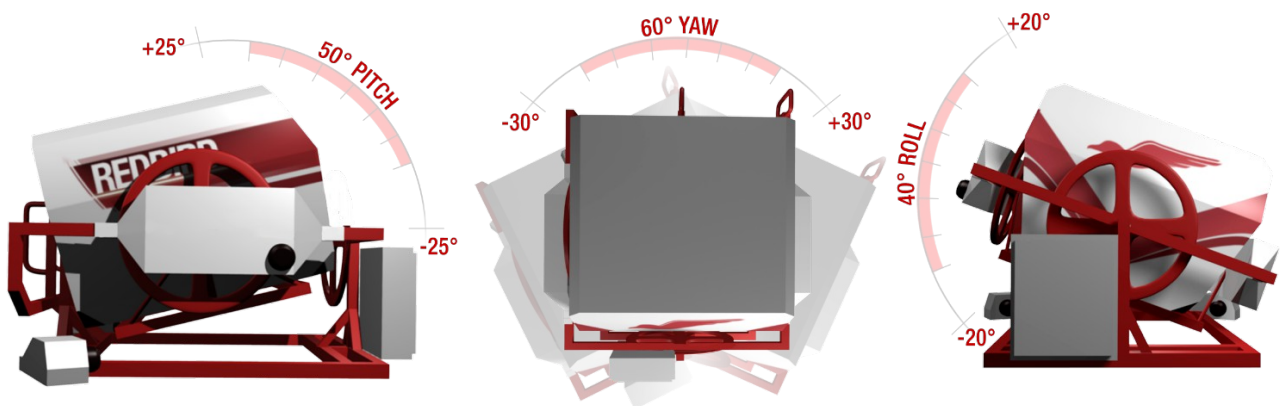
REDBIRD FMX

The Redbird FMX is the first flight simulator designed to meet the new challenges faced by modern flight training providers. With standard features that are anything but standard the FMX delivers unmatched training value for your customers and provides your business a range of advantages that are simply unavailable in other training devices.

The FMX's electric motion platform and wrap-around visual offer multi-million dollar realism at a price any flight school can afford. With a training environment this realistic, it's no surprise over 20 aviation authorities have approved the FMX, including the FAA and EASA. Plus, it'll fit in a normal classroom or the corner of your hangar without any special electric requirements.

Does Motion Matter?

Motion does matter, and for some less than obvious reasons. Pilots that learn primary flight skills in a device that provides accurate motion feedback transition to the real aircraft in less time because they know what it "feels like" to fly. They are less anxious in the cockpit, have better touch on the controls, and know why you need right rudder in the climb. Interestingly, having a full motion simulator might be even more important for the flight school. At the end of the day, a flight school is a business that lives or dies by how many new customers it can acquire and how many current customers it can keep. The FMX has proven to be a huge marketing and customer retention advantage for the hundreds of schools that operate one. Motion: Good for Training, Good for Business.



Motion For Everyone

The Redbird FMX comes equipped with our innovative, 3-axis, electric motion platform. This one-of-a-kind system provides effective motion feedback for yaw, pitch, and roll. The system is clean and quiet enough to operate in a small classroom, but robust enough to stand-up to years of hard use in a large professional pilot academy.

50°

Total Pitch Movement

60°

Total Yaw Movement

40°

Total Roll Movement

One Simulator, Dozens of Airplanes

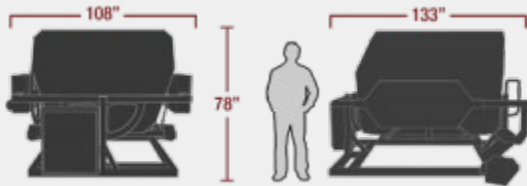
Gone are the days when every aircraft in the fleet had the same avionics package. Wouldn't it be nice if you could offer a simulator for every type and panel in your fleet without needing to spend a few hundred thousand dollars? We thought so too, that's why we designed our innovative, quick-change aircraft configuration system. In less than 10 minutes, your instructors can switch the FMX from a 172 with analog gauges to a SR22 Perspective to a Baron 58 with a 430/530, or any of the 30+ aircraft configurations we offer. From the latest in glass panel technology to the old 6-pack and lots of GPS/Radio stacks in between, the FMX can meet just about any need. Simulator comes with 1 avionics panel, 1 throttle quadrant and 1 control yoke.

Loggable Time, Valuable Training

The FAA has approved it as an Advanced Aviation Training Device, it meets the requirements for EASA FNTF qualification, and over 20 other authorities recognize the value of training in the FMX.

Specifications

Component	Description
Exterior Shell	Aluminum cockpit enclosure.
Motion Platform	Electrically driven, motion base capable of simulating roll, pitch and yaw motions.
Motion Control System	Hardware and software to safely command Motion Platform movements to enhance simulation with physical cues.
Primary Flight Control	Single yoke/side stick with optional control loading system. Interchangeable depending on aircraft configuration.
Rudder Pedals	Standard rudder pedals with differential brakes.

Component	Description
Throttle Quadrant	Controls for throttle, propeller, and mixture as appropriate to aircraft being simulated. Interchangeable depending on aircraft configuration.
Avionics Panel	Controls for flight instruments, GPS(s), radio(s), and autopilot as appropriate to aircraft being simulated. Interchangeable depending on aircraft configuration.
Dimensions	

Requirements

Item	Description
Room Size	At least 16' x 16' with a ceiling that is at least 8' high.
Electrical	US standard 110 volt, 15 amp wall outlet.
Internet	A high-speed connection is highly recommended to allow remote support and added functionality.