

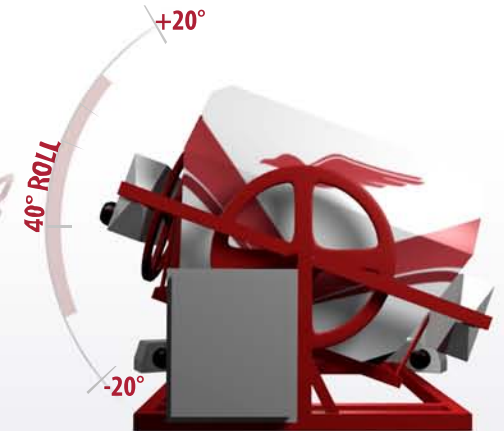
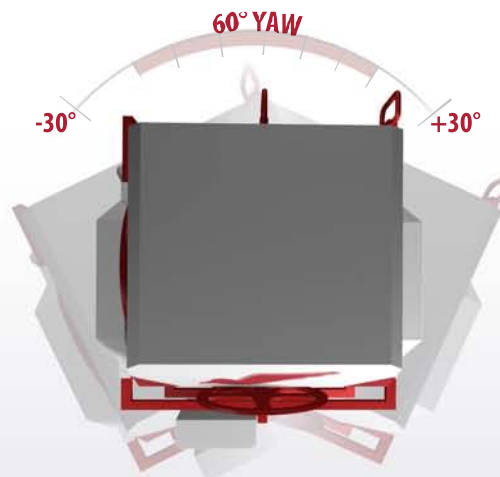
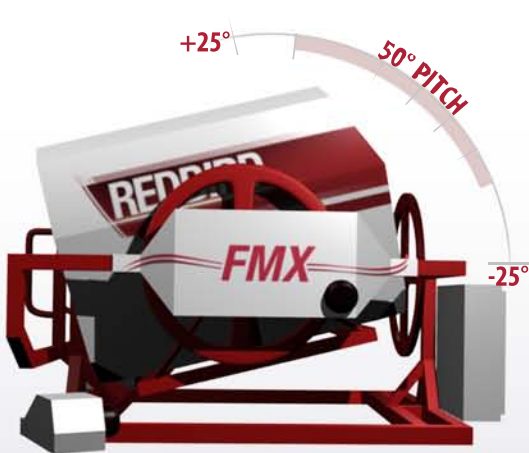
# REDBIRD FMX



## Balancing act

The goal of realistic simulation is to fool the mind into forgetting what it knows to be true in favor of what the senses are telling it. In the case of flight simulation, this means convincing the mind that it's not sitting in a metal box, planted firmly on the ground, but that it's cruising at 7000 feet. Getting the mind to admit that it's wrong is not a simple proposition, and can't be done with a single sensory input alone. The eyes and ears must be working in concert for the mind to truly believe. The Redbird SD provides the sights and sounds of actual flight, but the FMX motion platform takes it to a whole new level. It manipulates the sense of balance, further selling the mind on the fact that it's airborne, and not on terra firma as it so fervently believed before it was introduced to the FMX.

There's no doubt that motion is desirable, but the steep cost of most motion simulators makes the prospect a ridiculous idea for most flight training operations. But that's not true of the FMX. With all of the features of the Redbird SD plus a motion platform, the Redbird FMX is the highest quality and most feature rich AATD on the market. And at a price tag of less than \$60,000, it's also the most affordable.



## Welcome to new pilot disorientation

Spatial disorientation during flight, especially during instrument flight, can be a dangerous and potentially deadly problem. One of the very first things a pilot is told when beginning instrument training is "trust the gauges, not your inner ear." But telling a pilot to ignore their senses and training them to do so are not the same. This is where the FMX motion platform really shines. With its smooth and deceptively realistic movements, you can safely and effectively induce the type of spatial disorientation necessary to train pilots to fly without outside references. This ability empowers pilots and instructors to train for actual instrument flight from the ground, more effectively than ever before.



# REDBIRD SD

## Born out of necessity

Every pilot starts out as a student...great pilots never stop being one. Whether you have 2 hours or 2000 hours, as a pilot you never stop learning, but the ever-rising costs associated with general aviation make it harder and harder to get the experience necessary to remain safe. It's more expensive now than ever before for pilots to fly, for flight schools to operate, and for new students to learn, which is why flight training devices make more sense now than ever before. That's why Redbird has developed high quality, feature-rich simulators that are within the financial reach of every flight training operation.

The Redbird SD was designed to meet the needs of flight training operations and pilots across the globe. With features such as wrap-around visuals, interchangeable configurations, an advanced instructor's console, flight tracking and recording, compatibility with scenario-based training operations, and realistic control interfaces among others, the Redbird SD is a functionally rich and cost effective procedural trainer



## Why settle for one when you can have them all?

Most simulators on the market today represent one type of aircraft only, but most flight schools use a variety of aircraft to train their students. Do you see a disconnect there? We do. That's why the Redbird SD and FMX simulators are reconfigurable so that you can use one simulator to represent all of the airplanes in your training fleet. Each simulator comes with one configuration from our library of aircraft. Additional configurations can be purchased for a small fraction of the cost of a new simulator. If you don't see the aircraft you want in our library, let us know and we'll create a custom expansion pack for you.

## Have a look around

It's hard to effectively train VFR and IFR procedures without visuals, and if you want to practice maneuvers like circling approaches or turns around a point, one forward looking monitor is not going to cut it. That's why Redbird's are equipped with six monitors dedicated only to external views. This high quality, wrap-around visual system not only makes the Redbird an extremely effective procedural trainer, but it also allows pilots to fly practice cross-country flights to hone their pilotage skills before they head out into the wild blue yonder.



\* Tablet sold separately

## Intelligent instruction

All Redbird simulators are built with exceptional flight training in mind. To that end, the SD and FMX feature our advanced instructor's software that can be run from any Windows laptop or tablet PC. The station allows the instructor to monitor and control aspects of flight such as equipment failures and special weather situations. It also allows the instructor to quickly reposition the flight, pause the flight, and even replay a previously recorded flight.

For more information about these and other Redbird products, contact Redbird Flight Simulations.  
email: [info@redbirdflight.com](mailto:info@redbirdflight.com) phone: (512) 301-0718 web: <http://www.redbirdflight.com>