

## NOVASIM MR | DA42

...reaching maximum training quality

### HIGHLIGHTS

- Full-Immersion
- 360° view
- Perfect Visual Reference
- Look-Down capability

### FEATURES

- DA42 specific Cockpit
- G1000 Replica
- Flight Safety MR Flight SW
- Flight Safety Vital 1150 IG
- Sophisticated DA42 Flight Model
- Dynamic Control Loading
- VARJO XR-3 HMD Headset
- Instructor Station

### CERTIFICATION

- Ready to achieve EASA FNPT II certification



# NOVASIM MR | DA42.

## Mixed Reality Flight Simulator for professional DA42 Pilot Training.

NOVASIM MR | DA42 replicates the twin-engine Diamond DA42 aircraft and is equipped with FlightSafety International's Mixed-Reality Flight technology integrating its VITAL 1150 level-D image generator.

While wearing a VAJO XR-3 Mixed-Reality headset, the pilot interacts with real cockpit avionics and controls. The MR technology seamlessly merges the real cockpit and the virtual 360-degree outside view in the headset to give the pilot full immersion, with no limits on the field of view as it is normal within traditional flight simulators.





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## In a Nutshell.

The NovaSim MR DA42 is a lightweight and compact Flight Simulation Training Device that uses Mixed-Reality Technology on a dynamic 6DoF Motion Platform to simulate the full Diamond Aircraft DA42 operational envelope and all outside environmental surroundings.

It's high-resolution 360° visual and outstanding motion and control loading qualities create an impressive and realistic training experience for the student, allowing to accomplish even complex training goals in fewer training hours.

Utilizing FlightSafety's Mixed Reality Flight SW, integrating a high-fidelity Flight Model of the DA42, and empowered by Flight Safety's Level-D quality VITAL 1150 IG, the overall simulation & training qualities of the NovaSim MR | DA42 are far beyond highest expectations!

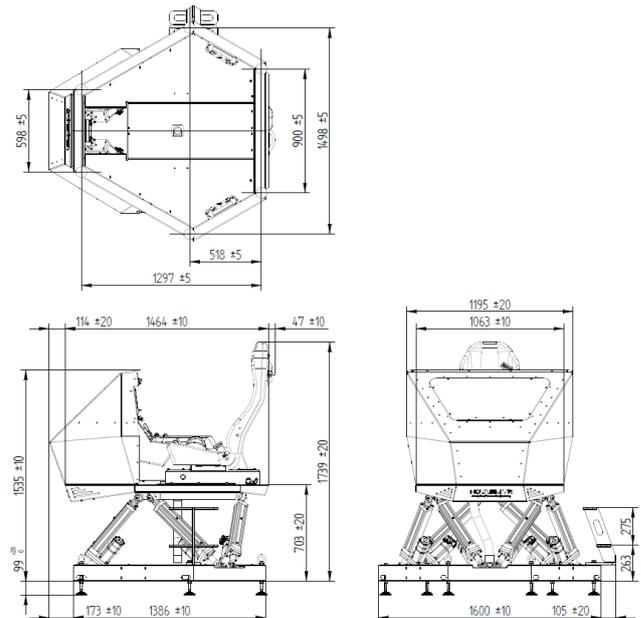
## Features.

- NOVASIM MR | DA42 combines State-of-the-Art Mixed Reality technologies with powerful dynamic motion enriched Virtual Training environments
- BRUNNER MR technologies and motion compensation algorithm with highly advanced and latency-free motion cueing algorithms to generate full immersion and best training value
- A fully integrated solution, with power electronics and controls seamlessly integrated into the base-frame, following BRUNNER's Plug-and-Play approach
- Easy and fast installation process, transportable
- Very compact footprint, versatile and affordable, with lowest life-cycle-costs
- Swiss Made, 2 Years warranty

## Operational Setup.



## Dimensions.



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